

9-1-1962

Trinity College Bulletin, 1962-1963 (Catalogue Issue)

Trinity College

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TRINITY COLLEGE BULLETIN

Catalogue Issue for 1962-1963
September 1962



The Calendar for 1962-1963-1964

1962							1963														1964						
July							January							July							January						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	...	...	1	2	3	4	5	...	1	2	3	4	5	6	...	...	...	1	2	3	4
8	9	10	11	12	13	14	6	7	8	9	10	11	12	7	8	9	10	11	12	13	5	6	7	8	9	10	11
15	16	17	18	19	20	21	13	14	15	16	17	18	19	14	15	16	17	18	19	20	12	13	14	15	16	17	18
22	23	24	25	26	27	28	20	21	22	23	24	25	26	21	22	23	24	25	26	27	19	20	21	22	23	24	25
29	30	31	..	..	..	..	27	28	29	30	31	..	..	28	29	30	31	..	..	..	26	27	28	29	30	31	..
..
August							February							August							February						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
...	...	...	1	2	3	4	...	...	...	...	...	1	2	...	...	...	1	2	3	4	...	...	...	1	2	3	4
5	6	7	8	9	10	11	3	4	5	6	7	8	9	4	5	6	7	8	9	10	2	3	4	5	6	7	8
12	13	14	15	16	17	18	10	11	12	13	14	15	16	11	12	13	14	15	16	17	9	10	11	12	13	14	15
19	20	21	22	23	24	25	17	18	19	20	21	22	23	18	19	20	21	22	23	24	16	17	18	19	20	21	22
26	27	28	29	30	31	..	24	25	26	27	28	..	..	25	26	27	28	29	30	31	23	24	25	26	27	28	29
September							March							September							March						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
...	...	...	...	...	...	1	...	...	...	...	...	1	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	3	4	5	6	7	8	3	4	5	6	7	8	9	8	9	10	11	12	13	14	8	9	10	11	12	13	14
9	10	11	12	13	14	15	10	11	12	13	14	15	16	15	16	17	18	19	20	21	15	16	17	18	19	20	21
16	17	18	19	20	21	22	17	18	19	20	21	22	23	22	23	24	25	26	27	28	22	23	24	25	26	27	28
23	24	25	26	27	28	29	24	25	26	27	28	29	30	29	30	..	..	..	..	..	29	30	31	..	..	..	..
30	..	..	..	..	..	..	31	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
October							April							October							April						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
...	1	2	3	4	5	6	...	1	2	3	4	5	6	...	1	2	3	4	5	6	...	...	...	1	2	3	4
7	8	9	10	11	12	13	7	8	9	10	11	12	13	6	7	8	9	10	11	12	5	6	7	8	9	10	11
14	15	16	17	18	19	20	14	15	16	17	18	19	20	13	14	15	16	17	18	19	12	13	14	15	16	17	18
21	22	23	24	25	26	27	21	22	23	24	25	26	27	20	21	22	23	24	25	26	19	20	21	22	23	24	25
28	29	30	31	..	..	..	28	29	30	..	..	..	..	27	28	29	30	31	..	..	26	27	28	29	30	..	..
November							May							November							May						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
...	...	...	...	1	2	3	...	...	...	1	2	3	4	...	...	...	...	1	2	3	...	...	...	...	1	2	3
4	5	6	7	8	9	10	5	6	7	8	9	10	11	3	4	5	6	7	8	9	3	4	5	6	7	8	9
11	12	13	14	15	16	17	12	13	14	15	16	17	18	10	11	12	13	14	15	16	10	11	12	13	14	15	16
18	19	20	21	22	23	24	19	20	21	22	23	24	25	17	18	19	20	21	22	23	17	18	19	20	21	22	23
25	26	27	28	29	30	..	26	27	28	29	30	31	..	24	25	26	27	28	29	30	24	25	26	27	28	29	30
December							June							December							June						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
...	2	3	4	5	6	7	...	2	3	4	5	6	7	1	2	3	4	5	6	7	...	1	2	3	4	5	6
9	10	11	12	13	14	15	9	10	11	12	13	14	15	8	9	10	11	12	13	14	7	8	9	10	11	12	13
16	17	18	19	20	21	22	16	17	18	19	20	21	22	15	16	17	18	19	20	21	14	15	16	17	18	19	20
23	24	25	26	27	28	29	23	24	25	26	27	28	29	22	23	24	25	26	27	28	21	22	23	24	25	26	27
30	31	..	..	..	..	..	30	..	..	..	..	..	..	29	30	31	..	..	..	..	28	29	30	..	..	..	..

(Boldface type indicates that the College is in session, also see page 4)

TRINITY COLLEGE BULLETIN

Catalogue Issue for 1962-1963

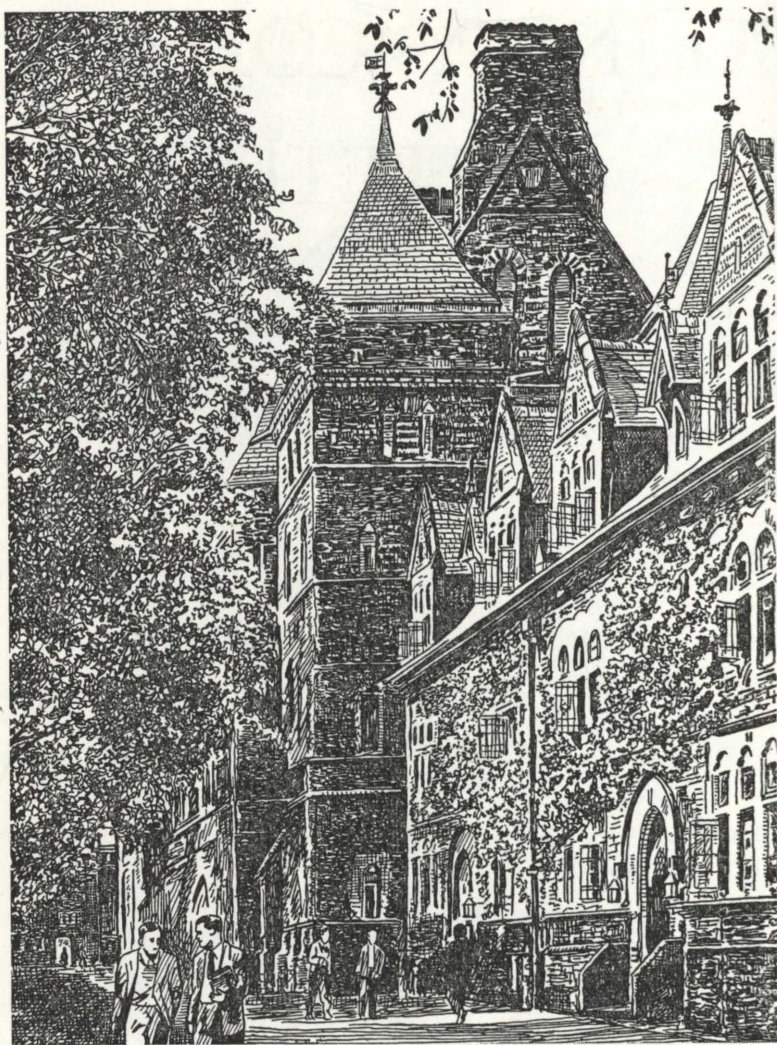
Catalogue Number 215



One Hundred Fortieth Year of the College

SEPTEMBER 1962

HARTFORD, CONNECTICUT



THE LONG WALK

Second Class Postage paid at Hartford, Connecticut. Published four times a year, March, August, September, and October by Trinity College, Hartford, Connecticut.

VOLUME LIX

(CATALOGUE No. 215)

NUMBER 3 (SEPTEMBER 1962)

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ATTENTION IS CALLED TO THE FACT THAT ALL STUDENTS ARE TO BE GOVERNED BY THE RULES, REGULATIONS AND PROVISIONS CONTAINED IN THIS ANNOUNCEMENT AND IN THE PAMPHLET, "TRINITY COLLEGE HANDBOOK," SEPARATELY PUBLISHED, SUBJECT TO THE RIGHT OF THE TRUSTEES AND THE FACULTY TO REPEAL, CHANGE, AMEND OR TO ADD TO THEM OR ANY OF THEM.

College Calendar

(see inside front cover)

1962

SEPT. 10	<i>Monday</i>	Freshman Week begins.
SEPT. 13	<i>Thursday</i>	Registration for Upperclass Students.
SEPT. 14	<i>Friday</i>	Registration for Upperclass Students continued.
SEPT. 17	<i>Monday</i>	Christmas Term of the One Hundred Fortieth Academic Year begins.
OCT. 20	<i>Saturday</i>	Meeting of the Corporation.
NOV. 21	<i>Wednesday</i>	Thanksgiving Recess begins at 4:00 P.M.
NOV. 25	<i>Sunday</i>	Thanksgiving Recess ends at 5:00 P.M.
DEC. 18	<i>Tuesday</i>	Christmas Vacation begins at 4:00 P.M.

1963

JAN. 2	<i>Wednesday</i>	Christmas Vacation ends at 5:00 P.M.
JAN. 14	<i>Monday</i>	Review Day.
JAN. 15	<i>Tuesday</i>	Review Day.
JAN. 16	<i>Wednesday</i>	Christmas Examinations begin.
JAN. 19	<i>Saturday</i>	Meeting of the Corporation
FEB. 2	<i>Saturday</i>	Registration for Trinity Term.
FEB. 4	<i>Monday</i>	Trinity Term begins.
FEB. 22	<i>Friday</i>	Washington's Birthday. Not a College holiday.
MAR. 23	<i>Saturday</i>	Spring Vacation begins at 11:30 A.M.
APR. 2	<i>Tuesday</i>	Spring Vacation ends at 5:00 P.M.
APR. 6	<i>Saturday</i>	Meeting of the Corporation.
APR. 11	<i>Thursday</i>	Easter Recess begins at 4:00 P.M.
APR. 14	<i>Sunday</i>	Easter Recess ends at 5:00 P.M.
APR. 29	<i>Monday</i>	Comprehensive Examinations.
APR. 30	<i>Tuesday</i>	Comprehensive Examinations.
MAY 15	<i>Wednesday</i>	Preliminary Registration for September. Classes as usual.
MAY 16	<i>Thursday</i>	Honors Day.
MAY 20	<i>Monday</i>	Review Day.
MAY 21	<i>Tuesday</i>	Review Day.
MAY 22	<i>Wednesday</i>	Trinity Examinations begin.
MAY 30	<i>Thursday</i>	Memorial Day. Not a College holiday.
JUNE 7	<i>Friday</i>	Meeting of the Corporation.
JUNE 9	<i>Sunday</i>	One Hundred Thirty-seventh Commencement.
JUNE 24	<i>Monday</i>	First Session of Summer School begins.
JULY 26	<i>Friday</i>	First Session of Summer School ends.
JULY 29	<i>Monday</i>	Second Session of Summer School begins.
AUG. 30	<i>Friday</i>	Second Session of Summer School ends.

COLLEGE CALENDAR

5

SEPT. 9	<i>Monday</i>	Freshman Week begins.
SEPT. 12	<i>Thursday</i>	Registration for Upperclassmen.
SEPT. 13	<i>Friday</i>	Registration for Upperclassmen continued.
SEPT. 16	<i>Monday</i>	Christmas Term of the One Hundred Forty-first Academic Year begins.
NOV. 27	<i>Wednesday</i>	Thanksgiving Recess begins at 4:00 P.M.
DEC. 1	<i>Sunday</i>	Thanksgiving Recess ends at 5:00 P.M.
DEC. 19	<i>Thursday</i>	Christmas Vacation begins at 4:00 P.M.

1964

JAN. 2	<i>Thursday</i>	Christmas Vacation ends at 5:00 P.M.
JAN. 10	<i>Friday</i>	Review Day.
JAN. 11	<i>Saturday</i>	Review Day.
JAN. 13	<i>Monday</i>	Christmas Examinations begin.
JAN. 28	<i>Tuesday</i>	Registration for Trinity Term.
JAN. 29	<i>Wednesday</i>	Trinity Term begins.
FEB. 22	<i>Saturday</i>	Washington's Birthday. Not a College holiday.
MAR. 26	<i>Thursday</i>	Spring Vacation begins at 4:00 P.M.
APR. 5	<i>Sunday</i>	Spring Vacation ends at 5:00 P.M.
APR. 27	<i>Monday</i>	Comprehensive Examinations.
APR. 28	<i>Tuesday</i>	Comprehensive Examinations.
MAY 13	<i>Wednesday</i>	Preliminary Registration for September.
MAY 14	<i>Thursday</i>	Honors Day.
MAY 25	<i>Monday</i>	Review Day.
MAY 26	<i>Tuesday</i>	Review Day.
MAY 27	<i>Wednesday</i>	Trinity Examinations begin.
MAY 30	<i>Saturday</i>	Memorial Day. Not a College holiday.
JUNE 12	<i>Friday</i>	Meeting of the Corporation.
JUNE 14	<i>Sunday</i>	One Hundred Thirty-eighth Commencement.
JUNE 29	<i>Monday</i>	First Session of Summer School begins.
JULY 31	<i>Friday</i>	First Session of Summer School ends.
AUG. 3	<i>Monday</i>	Second Session of Summer School begins.
SEPT. 4	<i>Friday</i>	Second Session of Summer School ends.
SEPT. 14	<i>Monday</i>	Freshman Week begins.
SEPT. 17	<i>Thursday</i>	Registration for Upperclassmen.
SEPT. 18	<i>Friday</i>	Registration for Upperclassmen continued.
SEPT. 21	<i>Monday</i>	Christmas Term of the One Hundred Forty-second Academic Year begins.
NOV. 25	<i>Wednesday</i>	Thanksgiving Recess begins at 4:00 P.M.
NOV. 29	<i>Sunday</i>	Thanksgiving Recess ends at 5:00 P.M.
DEC. 19	<i>Saturday</i>	Christmas Vacation begins at 11:30 A.M.

1965

JAN. 3	<i>Sunday</i>	Christmas Vacation ends at 5:00 P.M.
JAN. 11	<i>Monday</i>	Review Day.
JAN. 12	<i>Tuesday</i>	Review Day.

JAN.	13	<i>Wednesday</i>	Christmas Examinations begin.
JAN.	30	<i>Saturday</i>	Registration for Trinity Term.
FEB.	1	<i>Monday</i>	Trinity Term begins.
FEB.	22	<i>Monday</i>	Washington's Birthday. Not a College holiday.
MAR.	27	<i>Saturday</i>	Spring Vacation begins at 11:30 A.M.
APR.	6	<i>Tuesday</i>	Spring Vacation ends at 5:00 P.M.
APR.	15	<i>Thursday</i>	Easter Recess begins at 4:00 P.M.
APR.	18	<i>Sunday</i>	Easter Recess ends at 5:00 P.M.
APR.	26	<i>Monday</i>	Comprehensive Examinations.
APR.	27	<i>Tuesday</i>	Comprehensive Examinations.
MAY	12	<i>Wednesday</i>	Preliminary Registration for September.
MAY	13	<i>Thursday</i>	Honors Day.
MAY	21	<i>Friday</i>	Review Day.
MAY	22	<i>Saturday</i>	Review Day.
MAY	24	<i>Monday</i>	Trinity Examinations begin.
JUNE	11	<i>Friday</i>	Meeting of the Corporation.
JUNE	13	<i>Sunday</i>	One Hundred Thirty-ninth Commencement.
JUNE	28	<i>Monday</i>	First Session of Summer School begins.
JULY	30	<i>Friday</i>	First Session of Summer School ends.
AUG.	2	<i>Monday</i>	Second Session of Summer School begins.
SEPT.	3	<i>Friday</i>	Second Session of Summer School ends.
SEPT.	13	<i>Monday</i>	Freshman Week begins.
SEPT.	16	<i>Thursday</i>	Registration for Upperclassmen.
SEPT.	17	<i>Friday</i>	Registration for Upperclassmen continued.
SEPT.	20	<i>Monday</i>	Christmas Term of the One Hundred Forty-third Academic Year begins.

PRESIDENTS OF THE COLLEGE

Thomas Church Brownell	1824-1831	George Williamson Smith	1883-1904
Nathaniel Sheldon Wheaton	1831-1837	Flavel Sweeten Luther	1904-1919
Silas Totten	1837-1848	Henry Augustus Perkins,	
John Williams	1848-1853	<i>Acting President</i>	1919-1920
Daniel Raynes Goodwin	1853-1860	Remsen Brinckerhoff Ogilby	1920-1943
Samuel Eliot	1860-1864	Arthur Howard Hughes,	
John Barrett Kerfoot	1864-1866	<i>Acting President</i>	1943-1945
John Brockelsby,		George Keith Funston	1945-1951
<i>Acting President</i>	1866-1867	Arthur Howard Hughes,	
Abner Jackson	1867-1874	<i>Acting President</i>	1951-1953
Thomas Ruggles Pynchon	1874-1883	Albert Charles Jacobs	1953-

Corporation

ALBERT CHARLES JACOBS, LL.D., <i>President</i> *	Hartford
JAMES LIPPINCOTT GOODWIN, M.F.*	Hartford
MARTIN WITHINGTON CLEMENT, D.ENG., LL.D.	Philadelphia, Pa.
ROBERT BARNARD O'CONNOR, D.F.A.	New York, N.Y.
LYMAN BUSHNELL BRAINERD, B.A., <i>Secretary</i> *	Hartford
BERN BUDD, LL.B.	New York, N.Y.
ARNOLD HENRY MOSES, B.A.*	Hartford
JEROME PIERCE WEBSTER, M.D.*	New York, N.Y.
JOHN RICHARD COOK, B.S.*	Hartford
ROBERT SEYMOUR MORRIS, M.S.	Hartford
KARL WILLIAM HALLDEN, SC.D.*	Thomaston
JOHN REINHART REITEMEYER, B.A.	Hartford
THE RT. REV. WALTER HENRY GRAY, S.T.D.	Hartford
GEORGE KEITH FUNSTON, L.H.D.*	New York, N.Y.
RAYMOND JOHN WEAN, SC.D.	Warren, Ohio
HENRY SAMUEL BEERS, B.A.*	Hartford
OSTROM ENDERS, B.A.*	Avon
GEORGE MALLETTE FERRIS, B.A.*	Washington, D.C.
ALLERTON CUSHMAN HICKMOTT, LITT.D.	West Hartford
GEORGE WARREN WYCKOFF, B.A.	Pittsburgh, Pa.
VERTREES YOUNG, B.S.	Bogalusa, La.
BARCLAY SHAW, LL.B.*	Chappaqua, N.Y.
GLOVER JOHNSON, LL.D.*	New York, N.Y.
PAUL WINFREY ADAMS, LL.B.†	New Haven
HARRIS KING PRIOR, D.F.A.†	Rochester, N.Y.
CHARLES THOMAS KINGSTON, JR., B.S.†	Hartford

TRUSTEES EMERITI

EDGAR FRANCIS WATERMAN, LL.D.	Hartford
THOMAS WRIGHT RUSSELL, B.A.	Hartford
JAMES LEWIS THOMSON, PH.B.	West Hartford
GEORGE STANLEY STEVENSON, LL.D.	New Haven
JOSEPH CAMPBELL, LL.D.	Washington, D.C.
NEWTON CASE BRAINARD, LL.D.	Hartford
PHILIP JAMES MCCOOK, LL.D.	New York, N.Y.

* These members of the Board form the Executive Committee.

† Elected by the Alumni.

TRINITY COLLEGE
BOARD OF FELLOWS

SENIOR FELLOWS

JOHN HUMPHREY PRATT, JR., '17, B.S.	Darien
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SAMUEL CHURCHILL WILCOX, '25, B.S.	Berlin
ROBERT DODGE O'MALLEY, '38, B.S.	Holyoke, Mass.
JOHN PATRICK COTTER, '33, B.S.	West Hartford
WILLIAM KUEN PAYNTER, '37, B.S.	New York, N.Y.

JUNIOR FELLOWS

HERBERT REMINGTON BLAND, '40, B.S.	West Hartford
PAUL HOLMES TWADDLE, '31, B.S.	Wethersfield
LLOYD EDWIN SMITH, '23, B.S.	Racine, Wisc.
ROBERT TOLAND, JR., '44, B.A.	South Hadley, Mass.
JOHN ERNEST FRIDAY, JR., '51, B.A.	Greenwich, Conn.
THEODORE DAVIDGE LOCKWOOD, '48, B.A.	Athens, W. Va.

ALUMNI ASSOCIATION

President	HERBERT R. BLAND, '40
Senior Vice President	SEYMOUR E. SMITH, '34
Vice President – <i>Alumni Fund</i>	JOHN L. BONEE, '43
Vice President – <i>Campus Activities</i>	WILLIAM R. PEELLE, '44
Vice President – <i>Alumni Areas</i>	JOHN GOODING, JR., '31
Vice President – <i>Interviewing</i>	LLOYD E. SMITH, '23
Vice President – <i>Publicity</i>	L. BARTON WILSON, '37
Secretary	ROBERT W. BARROWS, '50
Treasurer	ROBERT A. GILBERT, '38

EXECUTIVE COMMITTEE

GERALD J. HANSEN, JR., '51	Gladwyne, Pa.
ROBERT B. JENNINGS, '47	New York, N.Y.
ANDREW ONDERDONK, '34	Hartford
DREW Q. BRINKERHOFF, '43	Fair Haven, N.J.
DOUGLAS C. LEE, '52	Needham, Mass.
JOHN T. WILCOX, '39	Newington, Conn.
GLOVER JOHNSON, '22 (<i>Ex officio</i>)	New York, N.Y.

ATHLETIC ADVISORY COMMITTEE

FREDERIC T. TANSILL, '22	New York, N.Y.
NELSON A. SHEPARD, '21	Hartford
WILLIAM GORALSKI, '52	Avon, Conn.

NOMINATING COMMITTEE

JAMES CAHILL, '27	Ramsey, N.J.
ANDREW W. MILLIGAN, '45	West Hartford
RICHARD A. LEGGETT, '39	Hartford
WINFIELD A. CARLOUGH, JR., '54	New York, N.Y.
FREDERICK J. EBERLE, '27	Windsor, Conn.
JOHN T. FINK, '44	North Haven, Conn.

LOCAL ALUMNI ASSOCIATION PRESIDENTS

- Albany* – ROBERT J. DUBUQUE, '52
12 Roweland Ave., Delmar, New York
- Baltimore* – FRANKLIN S. FISKE, III, '51
212 Northfield Place, Baltimore, Maryland
- Boston* – DAVID A. ROBERTS, '55
59 Marlboro St., Norwood, Massachusetts
- Chicago* – EDWARD B. THOMAS, '52
1872 Summerton Place, Northbrook, Illinois
- Cincinnati* – ALBERT TURNER, '39
8055 Graves Road, Cincinnati, Ohio
- Cleveland* – WILLIAM G. POLLOCK, '53
3259 Daleford Road, Shaker Heights, Ohio
- Detroit* – BENJAMIN H. PADDOCK, III, '50
258 Fisher Road, Grosse Pointe Farms, Michigan
- Fairfield* – MATTHEW T. BIRMINGHAM, JR., '42
520 Flaxhill Road, Norwalk, Connecticut
- Hartford* – JOHN C. GUNNING, '49
18 Plainfield Road, West Hartford, Connecticut
- Los Angeles* – MARTIN T. ROUSE, '49
15945 Temecula Street, Pacific Palisades, California
- New Britain* – ROGER E. MARTIN, '56
c/o The Stanley Works, 195 Lake Street, New Britain, Connecticut
- New Haven* – MACKINTOSH ALDRICH, '52
57 Pine Orchard Road, Branford, Connecticut
- New London* – LAWRENCE B. MARSHALL, '41
Oswegatchie Hills Park, Niantic, Connecticut
- New York* – STEWART M. OGILVY, '36
155 West 81st Street, New York, New York
- Philadelphia* – GERALD J. HANSEN, '51
1139 Norsam Road, Gladwyne, Pennsylvania
- Pittsburgh* – RICHARD D. ROYSTON, '55
Royston Associates, Henry W. Oliver Building, Pittsburgh, Pennsylvania
- Providence* – JACQUES V. HOPKINS, '52
2200 Industrial Bank Building, Providence, Rhode Island
- San Francisco* – PETER TORREY, '44
703 Crescent Avenue, San Mateo, California
- South Florida* – THOMAS H. BARRY, '51
5740 N. W. 38th Street, Miami, Florida
- Springfield* – ALLEN R. DOTY, '37
3 Wenonah Place, Longmeadow, Massachusetts
- Washington, D.C.* – WILLIAM T. O'HARA, '55
U.S. House of Representatives, Room 429, Washington, D.C.
- Western Connecticut* – WALTER C. SHANNON, '57
57 Highland Avenue, Watertown, Connecticut
- Western New York* – RUSSELL A. ANDERSON, '49
887 West Ferry Street, Buffalo, New York

The Faculty

ALBERT CHARLES JACOBS

President

B.A. 1921 (Michigan), B.A. 1923, B.C.L. 1924, M.A. 1927 (Oxford), LL.D. (Syracuse, Columbia, Temple, University of Colorado, Colorado College, Wesleyan, Denison, Long Island, Kenyon, Amherst), D. Can. L. (Berkeley Divinity School), D.P.S. (Denver), D. Hum. (Hartt), D.C.L. (The Divinity School, Philadelphia) [1952]*

ARTHUR HOWARD HUGHES

Vice President, Dean,

Professor of Modern Languages,

Chairman of The Board of the Cesare Barbieri Center for Italian Studies

B.A. 1927, M.A. 1929, Ph.D. 1931 (Johns Hopkins), M.S. 1938, L.H.D. 1946 (Trinity) [1935]

ROBERT MAIER VOGEL

Dean of Graduate Studies,

Director of Summer School

B.A. 1935 (Wabash), M.A. 1940 (Michigan), Ed.D. 1953 (Columbia) [1947]

EMERITI

HAROUTUNE MUGURDICH DADOURIAN

Seabury Professor of Mathematics and Natural Philosophy, Emeritus

Ph.B. 1903, M.A. 1905, Ph.D. 1906 (Yale) [1919, Ret. 1949]

EDWARD LEFFINGWELL TROXELL

Professor of Geology, Emeritus

B.A. 1908, M.A. 1909 (Northwestern), Ph.D. 1914 (Yale) [1919, Ret. 1954]

VERNON KRIEBEL KRIEBLE

Scovill Professor of Chemistry, Emeritus

Ph.B. 1907 (Brown), M.S. 1909, Ph.D. 1913 (McGill) [1920, Ret. 1955]

THURMAN LOS HOOD

Professor of English, Emeritus

B.A. 1908, M.A. 1909, Ph.D. 1924 (Harvard) [1928, Ret. 1959]

MORSE SHEPARD ALLEN

James J. Goodwin Professor of English, Emeritus

B.A. 1912, M.A. 1913 (Wesleyan), M.A. 1913 (Columbia), Ph.D. 1920 (Princeton) [1920, Ret. 1961]

PROFESSORS

RAYMOND OOSTING

Professor of Physical Education, Director of Athletics

B.P.E. 1924, M.Ed. 1931 (Springfield) [1924]

CLARENCE EVERETT WATTERS

Professor of Music and Organist

Mus.M. 1935 (Trinity) [1932]

LAWRENCE WILLIAM TOWLE

G. Fox and Company Professor of Economics

B.A. 1924 (Bowdoin), M.A. 1927, Ph.D. 1932 (Harvard) [1942]

FRANK WOODBRIDGE CONSTANT

Jarvis Professor of Physics

B.S. 1925 (Princeton), Ph.D. 1928 (Yale) [1946]

JAMES ANASTASIOS NOTOPOULOS

Hobart Professor of Classical Languages

B.A. 1928 (Amherst), B.A. 1930, M.A. 1934 (Oxford) [1936]

* Date in brackets indicates year of original appointment as a full-time member of the Trinity Faculty.

- HAROLD LAIRD DORWART** *Seabury Professor of Mathematics and Natural Philosophy*
B.A. 1924 (Washington and Jefferson), Ph.D. 1931 (Yale) [1949]
- LOUIS HASTINGS NAYLOR** *Professor of Modern Languages*
B.A. 1917, M.A. 1922, Ph.D. 1923 (Johns Hopkins) [1923]
- DONALD BROWN ENGLEY** *Librarian*
B.A. 1939 (Amherst), B.L.S. 1941 (Columbia), M.A. 1947 (Chicago), M.A. 1959 (Amherst) [1949]
- DANIEL GARRISON BRINTON THOMPSON** *Northam Professor of History and Political Science*
B.A. 1920 (Pennsylvania), B.S. 1923 (Massachusetts Institute of Technology), Ph.D. 1945 (Columbia) [1945]
- JAMES WENDELL BURGER** *J. Pierpont Morgan Professor of Biology*
B.A. 1931 (Haverford), M.A. 1933 (Lehigh), Ph.D. 1936 (Princeton) [1936]
- STERLING BISHOP SMITH** *Scovill Professor of Chemistry*
Ph.B. 1920, M.S. 1923 (Yale), Ph.D. 1927 (New York University) [1923]
- RANDOLPH WALLACE CHAPMAN** *Professor of Geology*
B.S. 1929 (New Hampshire), M.A. 1932, Ph.D. 1934 (Harvard) [1954]
- BLANCHARD WILLIAM MEANS** *Brownell Professor of Philosophy*
B.A. 1927, Ph.D. 1932 (Yale) [1932]
- JOHN CORWIN EMERSON TAYLOR** *Professor of Fine Arts*
B.A. 1926, M.A. 1940 (Yale) [1941]
- * **EDMUND LABEAUME CHERBONNIER** *Professor of Religion*
B.A. 1939 (Harvard), B.D. 1947 (Union Theological), B.A. 1948, M.A. 1952 (Cantab.), Ph.D. 1951 (Columbia), D.D. 1959 (Vermont) [1955]
- DANIEL EDWARD JESSEE** *Professor of Physical Education*
B.A. 1926 (Pacific), M.A. 1931 (Columbia) [1932]
- GEORGE BRINTON COOPER** *Professor of History*
B.A. 1938 (Swarthmore), M.A. 1942, Ph.D. 1948 (Yale) [1941]
- ROBERT HENDERSON SMELLIE, JR.** *Professor of Chemistry*
B.S. 1942, M.S. 1944 (Trinity), Ph.D. 1951 (Columbia) [1943]
- FREDERICK LANDIS GWYNN** *James J. Goodwin Professor of English*
B.A. 1937 (Bowdoin), M.A. 1938, Ph.D. 1942 (Harvard) [1953]
- WALTER JOHN KLIMCZAK** *Professor of Mathematics*
B.S. 1937, M.A. 1939, Ph.D. 1948 (Yale) [1951]
- MAURICE CURTIS LANGHORNE** *Professor of Psychology*
B.A. 1925, M.A. 1926 (Washington and Lee), Ph.D. 1932 (Ohio State) [1959]
- EDWIN PACKARD NYE** *Hallden Professor of Engineering*
B.S. 1941 (New Hampshire), Sc.M. 1947 (Harvard) [1959]
- RICHARD BARTLETT OLNEY** *Professor of Air Science*
Lieutenant Colonel, United States Air Force, B.S. 1940 (Citadel), M.A. 1961 (Trinity) [1959]
- JOHN BARD McNULTY** *Professor of English*
B.S. 1938 (Trinity), M.A. 1939 (Columbia), Ph.D. 1944 (Yale) [1944]

* Sabbatical leave 1962-63.

- †GUSTAVE WILLIAM ANDRIAN *Professor of Modern Languages*
B.A. 1940 (Trinity), Ph.D. 1946 (Johns Hopkins) [1946]
- EUGENE WOOD DAVIS *Professor of History*
B.A. 1940 (Texas), M.A. 1941 (Harvard), Ph.D. 1948 (North Carolina) [1948]
- KARL KURTH, JR. *Professor of Physical Education*
B.S. 1942, M.Ed. 1947 (Springfield) [1952]
- RALPH MEHLIN WILLIAMS *Professor of English*
B.A. 1933 (Amherst), Ph.D. 1938 (Yale) [1946]
- ALEXANDER ANDERSON MACKIMMIE, JR. *Professor of Education*
B.A. 1928 (Amherst), M.A. 1942 (Boston University), Hon. M.A. 1958 (Amherst) [1962]
- ** IGOR VINOGRADOFF *Visiting Professor of History*
B.A. 1924 (Oxon.) [1962]

ASSOCIATE PROFESSORS

- ROBERT PALMER WATERMAN *Associate Professor of Modern Languages*
B.A. 1932, M.A. 1934 (Trinity), Ph.D. 1948 (Yale) [1936]
- WENDELL EVERETT KRAFT *Assistant to the President,
Associate Professor of Engineering*
B.S. 1924 (United States Naval Academy), M.S. 1929 (Massachusetts Institute of Technology) [1954]
- KENNETH WALTER CAMERON *Associate Professor of English*
B.A. 1930, M.A. 1931 (West Virginia), S.T.B. 1935 (General Theological), Ph.D. 1940 (Yale) [1946]
- ROBERT CLIFFORD BLACK, III *Associate Professor of History*
B.A. 1937 (Williams), M.A. 1947 (Denver), Ph.D. 1951 (Columbia) [1950]
- † NORTON DOWNS *Associate Professor of History*
B.A. 1940, M.A. 1947, Ph.D. 1950 (Pennsylvania) [1950]
- ROBERT FREEMAN KINGSBURY *Associate Professor of Physics*
B.S. 1934 (Bowdoin), M.S. 1939 (Cornell), Ph.D. 1956 (Pennsylvania) [1950]
- RICHARD KNOWLES MORRIS *Associate Professor of Education*
B.A. 1940 (Trinity), M.A. 1949, Ph.D. 1951 (Yale) [1951]
- † RICHARD SCHEUCH *Associate Professor of Economics*
B.A. 1942, M.A. 1948, Ph.D. 1952 (Princeton) [1950]
- WALTER DAVID LEAVITT *Associate Professor of Modern Languages*
B.A. 1947 (Bates), M.A. 1949, Ph.D. 1954 (Yale) [1949]
- * VERNON LEROY FERWERDA *Associate Professor of Government*
B.A. 1940, M.S. 1941 (Massachusetts), Ph.D. 1954 (Harvard) [1954]
- THEODORE ROBERT BLAKESLEE, II *Associate Professor of Engineering*
B.S. 1945 (Massachusetts Institute of Technology), M.S. 1952 (Lehigh) [1958]
- MITCHEL NICHOLAS PAPPAS *Associate Professor of Fine Arts*
B.F.A. 1941, M.F.A. 1947 (Yale) [1947]
- RANDALL WILLIAM TUCKER *Associate Professor of Economics*
B.A. 1939 (Northeastern), M.B.A. 1942 (Chicago) [1946]

† Sabbatical leave, Trinity Term 1962-63.

** Trinity Term 1962-63.

* On leave of absence 1962-63.

- ALBERT MERRIMAN *Associate Professor of Classical Languages*
B.A. 1933, M.A. 1937 (Harvard) [1948]
- AUGUST EDWARD SAPEGA *Associate Professor of Engineering*
B.S. 1946, M.S. 1951 (Columbia) [1951]
- JAMES MORRILL VAN STONE *Associate Professor of Biology*
B.A. 1949 (Wesleyan), Ph.D. 1954 (Princeton) [1954]
- JOHN ARTHUR DANDO *Associate Professor of English*
B.A. 1938, M.A. 1945 (McGill) [1950]
- CLARENCE HOWARD BARBER *Associate Professor of Music*
B.A. 1940, M.A. 1942, Ph.D. 1954 (Harvard) [1954]
- MICHAEL RICHARD CAMPO *Associate Professor of Modern Languages,
Director of The Cesare Barbieri Center for Italian Studies*
B.A. 1948 (Trinity), M.A. 1953, Ph.D. 1954 (Johns Hopkins) [1952]
- ROBERT LINDSAY *Associate Professor of Physics*
Sc.B. 1947 (Brown), M.A. 1949, Ph.D. 1951 (Rice) [1956]
- JOHN FRANCIS LAMAR *Associate Professor of Air Science*
Major, United States Air Force, B.S. 1958 (Florida Southern), M.A. 1961 (Trinity) [1959]
- ROBERT CLARENCE STEWART *Associate Professor of Mathematics*
B.A. 1942, M.A. 1944 (Washington and Jefferson), M.A. 1948 (Yale) [1950]
- † GEORGE EMORY NICHOLS, III *Associate Professor of Drama*
B.A. 1938, M.F.A. 1941 (Yale) [1950]
- OSBORNE WILSON LACY *Dean of Students,
Associate Professor of Psychology*
B.A. 1947 (Hampden-Sydney), A.M. 1951, Ph.D. 1955 (Pennsylvania) [1955]
- PHILIP CHARLES FARWELL BANKWITZ *Associate Professor of History*
B.A. 1947, M.A. 1948, Ph.D. 1952 (Harvard) [1954]
- * EMMET FINLAY WHITTLESEY *Associate Professor of Mathematics*
A.B. 1948, M.A. 1955, Ph.D. 1957 (Princeton) [1954]
- EDWARD BOBKO *Associate Professor of Chemistry*
B.S. 1949 (Western Reserve), Ph.D. 1952 (Northwestern) [1955]
- ROBERT DALE MEADE *Associate Professor of Psychology*
B.A. 1950 (Indiana University), A.M. 1952, Ph.D. 1956 (Pennsylvania) [1955]
- STEPHEN PETER HOFFMAN, JR. *Associate Professor of Mathematics*
B.A. 1949, M.A. 1951, Ph.D. 1957 (Yale) [1957]
- THEODOR MARCUS MAUCH *Associate Professor of Religion*
A.B. 1943 (Elmhurst), B.D. 1946, S.T.M. 1947, Th.D. 1958 (Union Theological) [1957]
- DANIEL BOND RISDON *Associate Professor of English*
B.A. 1930 (Amherst), M.A. 1938 (Trinity), M.A. 1947 (Yale) [1936]
- ROY ALFRED DATH *Associate Professor of Physical Education*
B.S. 1951 (West Chester State Teachers), M.A. 1956 (Trinity) [1952]
- CARL VICTOR HANSEN *Associate Professor of Modern Languages*
B.A. 1941, M.A. 1948, Ph.D. 1952 (Yale) [1956]

† Sabbatical leave, Trinity Term 1962–63.

* On leave of absence 1962–63.

- GLENN WEAVER *Associate Professor of History*
A.B. 1941 (Catawba), B.D. 1944 (Lancaster Seminary), M.A. 1947 (Lehigh),
A.M. 1951, Ph.D. 1953 (Yale) [1957]
- REX CHARLTON NEAVERSON *Associate Professor of Government*
B.A. 1952, M.A. 1954, Ph.D. 1959 (Harvard) [1955]
- ROBERT ALDEN BATTIS *Associate Professor of Economics*
B.S.B.A. 1948 (Rutgers), M.A. 1952, Ph.D. 1958 (New York) [1959]
- HANS FRIEDRICH FRESE *Associate Professor of Modern Languages*
B.S. 1933, M.A. 1935 (New York), Ph.D. 1937 (Marburg) [1951]

ASSISTANT PROFESSORS

- RICHARD PAUL BENTON *Assistant Professor of English*
B.S. 1952, M.A. 1953, Ph.D. 1955 (Johns Hopkins) [1955]
- JAMES LAIN POTTER *Assistant Professor of English*
B.A. 1944, M.A. 1946 (Wesleyan), Ph.D. 1954 (Harvard) [1955]
- LEROY DUNN *Assistant Professor of Economics*
B.Sc. 1949 (American University), Ph.D. 1956 (London) [1957]
- CHARLES JAY MCWILLIAMS *Assistant Professor of Physical Education*
B.S. 1937 (Pennsylvania State), M.P.E. 1947 (Springfield) [1957]
- ROBERT DENNIS SLAUGHTER *Assistant Professor of Physical Education*
B.S. 1948, M.S.Ed. 1952 (Springfield) [1951]
- PHILIP KINTNER *Assistant Professor of History*
B.A. 1950 (Wooster), M.A. 1952, Ph.D. 1958 (Yale) [1954]
- MARIO JOSEPH POLIFERNO *Assistant Professor of Mathematics*
B.A. 1952, M.A. 1954, Ph.D. 1958 (Yale) [1958]
- MYRON GEORGE ANDERSON *Assistant Professor of Philosophy*
B.A. 1951, M.A. 1954 (Minnesota), Ph.D. 1959 (Brown) [1956]
- CHESTER HERMAN MCPHEE *Assistant Professor of Physical Education*
B.A. 1951 (Oberlin), M.A. 1957 (Ohio State) [1957]
- ROBERT ELLIS SHULTS *Assistant Professor of Physical Education*
A.B. 1951 (Oberlin), M.E. 1957 (Bowling Green) [1957]
- ALVIN RICHARD REINHART *Assistant Professor of Engineering*
B.S. 1930 (New Hampshire) [1958]
- AUSTIN CLAUD HERSCHBERGER *Assistant Professor of Psychology*
B.S. 1948 (Columbia), M.S. 1950, Ph.D. 1955 (Illinois) [1960]
- WILLIAM ALEXANDER JOHNSON *Assistant Professor of Religion*
B.A. 1953 (Queens), B.D. 1956 (Drew), Teol. Kand. 1957, Teol. Lic. 1958
(Lund), M.A. 1958 (Columbia), Ph.D. 1959 (Columbia-Union), Teol. Dr. 1962
(Lund) [1959]
- ROBERT DANA FOULKE *Assistant Professor of English*
A.B. 1952 (Princeton), M.A. 1957, Ph.D. 1961 (Minnesota) [1961]
- DONALD DWIGHT HOOK *Assistant Professor of Modern Languages*
B.A. 1950 (Emory), M.A. 1957 (Duke), Ph.D. 1961 (Brown) [1961]
- CHARLES ROBERT MILLER *Assistant Professor of Physics*
B.S. 1952 (California Institute of Technology) [1961]
- PAUL JAMES SMITH, JR. *Assistant Professor of English*
B.A. 1950, M.A. 1951 (Rochester) [1959]

- WARD SCHENK CURRAN *Assistant Professor of Economics,
George M. Ferris Lecturer in Corporation Finance and Investments*
B.A. 1957 (Trinity), M.A. 1958, Ph.D. 1961 (Columbia) [1960]
- HOWARD DE LONG *Assistant Professor of Philosophy*
B.A. 1957 (Williams), Ph.D. 1960 (Princeton) [1960]
- JACK ANTON BIRNKAMMER *Assistant Professor of Air Science*
Captain, United States Air Force, B.S. 1951 (St. Lawrence) [1962]
- JAMES K. HEEREN *Assistant Professor of Chemistry*
B.S. 1951, M.S. 1952 (Tufts), Ph.D. (Massachusetts Institute of Technology) [1962]
- ALBERT J. HOWARD, JR. *Assistant Professor of Physics*
B.S. 1958, M.S. 1959 (Yale) [1962]

INSTRUCTORS

- CHARLES BENNER FERGUSON *Instructor in Fine Arts*
B.A. 1941 (Williams), M.A. 1959 (Trinity) [1959]
- ALBERT LODEWIJK GASTMANN *Instructor in Government*
B.A. 1949, M.A. 1953 (Columbia) [1954]
- RAYMOND FLETCHER SNIPES *Instructor in Chemistry*
B.S. 1956 (North Carolina), M.S. 1957 (Yale) [1959]
- ARNOLD LEWIS KERSON *Instructor in Modern Languages*
B.A. 1953 (Yale) [1960]
- LAWRENCE ROBERT STIRES, JR. *Instructor in Modern Languages*
A.B. 1952 (Rutgers), M.A. 1957 (Duke) [1960]
- THOMAS CARTWRIGHT MENTZER *Instructor in Geology*
B.A. 1956 (Williams), M.S. 1958 (Lehigh) [1961]
- DAVID SOLOMON SALSBURG *Instructor in Mathematics*
B.A. 1952 (Pennsylvania) [1961]
- C. FREEMAN SLEEPER *Instructor in Religion*
B.A. 1954 (Colby), B.D. 1958 (Yale Divinity) [1961]
- WILLIAM RUTHVEN SMITH III *Instructor in Engineering*
B.S. 1956 (Trinity), B.E.E. 1958, M.S.E. 1959 (George Washington) [1961]
- JAMES WARREN WIGHTMAN *Instructor in Economics*
B.S. 1954 (Franklin & Marshall), M.A. 1956 (Clark) [1961]
- DONALD BARRETT GALBRAITH *Instructor in Biology*
B.S. 1958 (Grove City), Sc.M. 1960, Ph.D. 1962 (Brown) [1962]
- EDWARD WEISER LANIUS *Instructor in Modern Languages*
A.B. 1957 (Dickinson), M.A. 1958 (Middlebury) [1962]
- RICHARD THOMPSON LEE *Instructor in Philosophy*
B.A. 1958 (Emory), M.A. 1960 (Yale) [1962]
- LEON SALOMON *Instructor in Government*
B.A. 1953 (Brooklyn), M.P.A. (New York) [1962]
- THOMAS EDMUND WILLEY *Instructor in History*
B.A. 1959 (Butler), M.A. 1960 (Yale) [1962]

LECTURERS

- GOODWIN BATTERSON BEACH** *Lecturer in Latin*
B.A. 1907 (Harvard), M.A. 1931 (Trinity), Litt.D. 1953 (Leeds) [1954]
- JOHN FRANCIS REGAN** *Lecturer in Air Science*
Major, United States Air Force Reserve, B.S. 1940 (Springfield), M.A. 1951 (New Haven Teachers) [1956]
- MARJORIE VAN EENAM BUTCHER** *Lecturer in Mathematics*
B.A. 1947, M.A. 1949 (Michigan) [1956]
- STEPHEN MINOT** *Lecturer in English*
B.A. 1953 (Harvard), M.A. 1955 (Johns Hopkins) [1959]
- PAUL WALTER MEYER** *Lecturer in Government*
B.A. 1923 (Denver) [1960]
- PETER L. BERGER** *Lecturer in Religion*
B.A. 1949 (Wagner), M.A. 1950, Ph.D. 1954 (New School for Social Research) [1962]
- WILLIAM EDWARD BUCKLEY** *Lecturer in Education*
B.A. 1913 (Yale), M.A. 1927, L.H.D. 1957 (Trinity) [1962]
- FRED DENBEAUX** *Lecturer in Religion*
B.A. 1936 (Elmhurst), B.D. 1939, S.T.M. 1940 (Union Theological Seminary) [1962]
- HARVEY K. MCARTHUR** *Lecturer in Religion*
Ph.B. 1933 (Wheaton), Th.B. 1939 (Westminster Theological Seminary) S.T.M. 1940 (Hartford Theological Seminary), Ph.D. 1941 (Hartford Seminary Foundation) [1962]

ASSISTANTS

- DAVID WILLIAM FICHMAN** *Assistant in Air Science*
Technical Sergeant, United States Air Force [1958]
- FREDERICK JAMES WEBB** *Assistant in Air Science*
Technical Sergeant, United States Air Force [1960]
- THEODORE VICTOR POIRIER** *Assistant in Air Science*
Staff Sergeant, United States Air Force [1961]
- GORDON ASHBY POMEROY** *Assistant in Chemistry*
- PETER CARMELO VINCENZO** *Assistant in Chemistry*
- ROBERT H. CUNNINGHAM** *Assistant in Chemistry*
- RICHARD P. GOLD** *Assistant in Chemistry*
- MICHAEL A. PLEVA** *Assistant in Chemistry*

STANDING COMMITTEES OF THE FACULTY

ACADEMIC STANDING AND DISCIPLINE – The Dean*, Dean of Students*, Registrar*, Chaplain*, Director of Admissions*, Chairman of the Freshman-Sophomore Advisory Council*, Blakeslee (1), Olney (1), Risdon (1), Smellie (1), Klimczak (2), Neaverson (2), Van Stone (2).

ADMISSIONS – The Dean*, Dean of Students*, Registrar*, Director of Admissions*, Cooper (1), Merriman (1), Taylor (1), Dorwart (2), Sapega (2).

* Ex officio.

ATHLETIC ADVISORY COUNCIL – The President*, Treasurer*, Director of Physical Education*, Thompson (1).

CATALOGUE – Secretary of the Faculty*, Director of Public Relations*, Director of Admissions*, McNulty (1), Foulke (2).

COMMITTEE ON COMMITTEES – Bobko (1), Morris (2).

CURRICULUM – The Dean*, Dean of Graduate Studies*, Hoffman (1), Thompson (1), Campo (2), Chapman (2), Means (2), Hansen (3), Lindsay (3), Notopoulos (3), P. Smith (3).

GRADUATE STUDIES – Dean of Graduate Studies*, Battis (1), DeLong (1), Gastmann (1), Kintner (1), Potter (1), S. Smith (1), Constant (2), Mackimmie (2), Poliferno (2), Sleeper (2).

JOINT COMMITTEE ON APPOINTMENT AND PROMOTIONS – Gwinn (1), Constant (2).

JOINT COMMITTEE ON EDUCATIONAL POLICY – Davis (1), Andrian (2)†, Nye (3).

LECTURES – Director of Public Relations*, Barber (1), Gwinn (1), Nye (1), Towle (1), Ferguson (2), Meade (2), Miller (2), Naylor (2).

LIBRARY – Librarian*, Bankwitz (1), Black (1), Dunn (1), Frese (1), Mauch (1), Anderson (2), Benton (2), Johnson (2), Leavitt (2), Tucker (2), Weaver (2), Mentzer (2), Salsburg (2).

FINANCIAL AID – The Dean*, Dean of Students*, Registrar*, Chaplain*, Director of Placement*, Director of Admissions*, Curran (1), Reinhart (1), Cameron (2), Hook (2).

STUDENT ORGANIZATIONS – The Dean*, Dean of Students*, Chaplain*, Treasurer*, Director of Student Center*, Herschberger (1), Waterman (1), Watters (1), Kingsbury (2), Snipes (2).

COLLEGE MARSHAL – Dando

MACE BEARER – Kraft

SECRETARY OF THE FACULTY – Towle

ORATOR – Notopoulos

ASSISTANT MARSHAL – Nichols

ACADEMIC CEREMONIES – The Dean*, Chaplain*, Alumni Secretary*, Kraft, Dando, Nichols.

DEVELOPMENT COMMITTEE – Vogel (Chairman), Engley, Downs, Bobko, Cherbonnier.

COMMITTEE ON THE USE OF ENGLISH – Williams (Chairman), The Dean*, Burger, Taylor, Thompson, Towle.

FRESHMAN-SOPHOMORE ADVISORY COUNCIL – Langhorne (Chairman), Bridge*, Butler*, Lacy*, Smith*, Anderson, Battis, Benton, Black, Bobko, Campo, Dando, Downs, Ferguson, Frese, Gastmann, Hansen, Herschberger, Hook, Johnson, Kingsbury, Kintner, Kraft, Meade, Mentzer, Morris, Neaverson, Nichols, Notopoulos, Poliferno, Potter, Risdon, Sapega, Salsburg, Snipes, Stewart, Wightman, Williams.

LANGUAGE COMMITTEE – Naylor, Notopoulos, Hansen.

* Ex officio.

† Replaced by S. B. Smith during Trinity Term, 1962–63.

The President is a member *ex-officio* of all committees.

The Administration

ALBERT CHARLES JACOBS, LL.D.

President

EXECUTIVE OFFICE OF THE PRESIDENT

ARTHUR HOWARD HUGHES, PH.D.

Vice President and Dean

ALBERT EDWARD HOLLAND, M.A.

Vice President

JOHN FRANCIS BUTLER, B.S. *Director of Placement, Admissions Counselor*

ROBERT MAIER VOGEL, ED.D.

Dean of Graduate Studies,

Director of Summer School

JOHN ANDREW MASON, B.A.

Alumni Secretary

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Assistant to the President

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Director of Buildings and Grounds

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Registrar, Assistant to the

Dean of the College, Veterans Counselor

OSBORNE WILSON LACY, PH.D.

Dean of Students

KENNETH COOLIDGE PARKER, M.A.

Director of Public Relations

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HAROLD WARING MESSER, B.S.

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Associate Director of Admissions

JACOB WARDWELL EDWARDS, B.A.

Assistant Director of Admissions

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DOUGLAS LEE FROST, M.A.

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JOHN EDWIN GRIFFITH, JR., B.S.

Consultant for Development

SHERMAN PERSONS VOORHEES

Consultant for Development

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DONALD B. ENGLEY, M.A.

Librarian

MARIAN M. CLARKE (MRS.), B.L.S.

Chief of Readers' Services

EUGEN B. EISENLOHR, B.L.S.

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LAURA B. SCHATZ (MRS.)

Order Librarian

ELIZABETH N. IVES, B.L.S.

Catalogue Librarian

MARGARET A. WRIGHT, M.S.L.S.	<i>Associate Catalogue Librarian</i>
ADOLF SEIBEL, M.A.	<i>Serials Librarian</i>
ALICE K. HAYNES (MRS.), B.A.	<i>Circulation Assistant</i>
PRUDENCE B. HINCKLEY (MRS.), B.A.	<i>Circulation Assistant</i>
EDITH L. PRATT (MRS.), M.A.	<i>Secretary</i>
RALPH W. SANDBERG, B.A.	<i>Order Assistant</i>
LERLEEN M. COSTA (MRS.)	<i>Catalogue Assistant</i>
GALE F. HOOD (MRS.), B.S.	<i>Catalogue Assistant</i>
HARRIET POTTER (MRS.), B.A.	<i>Reference Assistant</i>
DONA J. PAWLOSKI, B.A.	<i>Serials Assistant</i>

WATKINSON LIBRARY

DONALD B. ENGLEY, M.A.	<i>Librarian</i>
MARIAN M. CLARKE (MRS.), B.L.S.	<i>Curator</i>
MARY E. TINCOVICH, B.S.	<i>Catalogue Librarian</i>
JESSIE M. KENNY	<i>Library Assistant</i>

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THERESA C. COSTELLOE (MRS.)	<i>Mather Hall</i>
KATHLEEN E. COTE (MRS.)	<i>Admissions Office</i>
MARY LEE CURRY	<i>Mather Hall</i>
PRISCILLA A. DAVIS	<i>Faculty Secretary and Veteran's Office</i>
MARIE J. FLYNN (MRS.)	<i>Treasurer's Office</i>
BARBARA J. GAGOSZ	<i>President's Office</i>
AGATHA K. GALLO (MRS.)	<i>Development Office</i>
MINNIE GIGLE (MRS.)	<i>Trinity College Bookstore</i>
NORMA D. GEER (MRS.)	<i>Treasurer's Office</i>
J. PENN HARGROVE, PH.B.	<i>Manager Trinity College Bookstore</i>
MARION D. HARGROVE (MRS.)	<i>Assistant Manager Trinity Bookstore</i>
MYRTLE O. HARPER (MRS.)	<i>Treasurer's Office</i>
MARGARET K. HAYNES (MRS.)	<i>Chaplain's Office</i>
PATRICIA A. HERRON	<i>Registrar's Office</i>
BARBARA L. HILL (MRS.)	<i>Public Relations Office</i>
AUDREY A. JACOBSEN (MRS.)	<i>Alumni Office</i>
EILEEN S. KRAUS (MRS.), B.A.	<i>Development Office</i>
EDWARD J. KYRCZ	<i>Treasurer's Office</i>
JOYCE E. LAPORTE	<i>Admissions Office</i>
BLANCHE M. LARSEN (MRS.)	<i>Buildings and Grounds Office</i>
CAROLE M. LAWSON (MRS.), B.S.	<i>Graduate School Office</i>
PAULINE M. LEET (MRS.), B.A.	<i>Graduate School Office</i>
ANGELINE M. LUNDGREN (MRS.)	<i>Central Services Office</i>
EVELYN J. MANDZUK	<i>Central Services Office</i>

ROSEMARY MELL	Placement Office
DORIS MERWIN	Dean's Office
MARY ANN H. MILEWSKI, B.S.	Treasurer's Office
MARGARET P. MIX (MRS.)	Development Office
ELEANOR M. O'BRIEN	Physical Education Office
EDITH O'CONNELL (MRS.)	Admissions Office
MARJORIE A. RIGNEY (MRS.)	AFROTC Office
RUTH C. ROGGE (MRS.)	Recorder
PHYLLIS E. ROTHAUER (MRS.)	Alumni Recorder
FRANCES G. SCOTT (MRS.)	Treasurer's Office
BEVERLY H. SHAMBACK (MRS.)	Central Services Office
AMELIA G. SILVESTRI (MRS.)	Public Relations Office
VICTORIA H. SMITH (MRS.)	Registrar's Office
PATRICIA A. STANNARD (MRS.)	Dean of Students' Office
ELOISE M. STEBAR (MRS.)	Treasurer's Office
CAROL STEIMAN	Department of Religion
HOLLY STEPHENSON (MRS.)	Buildings and Grounds Office
JUNE L. THOMAS (MRS.), B.A.	Public Relations Office
DOROTHY TRACEY (MRS.)	Admissions Office
LILYAN WARD	Post Office
ROSEMARY G. WERDELIN (MRS.)	Central Services Office
JOHN A. WILLIAMS	Manager Central Services
MARGARET R. ZARTARIAN (MRS.)	Central Services Office

Trinity College

THE aim of a Trinity education is to develop the intellectual and moral life of the individual through the appreciation and discipline of the liberal arts.

More than a century of experience at Trinity has indicated that the liberal arts offer the best means of educating men in wise and successful living. For four years a Trinity student lives in an environment conducive to learning and takes a carefully guided selection of liberal arts courses insuring acquaintance with the important fields of human achievement, experience leading to the development of traits and habits important for an ordered life, and opportunity to discover and to prepare broadly for a special field of endeavor.

To be most effective, such an education requires personal guidance by a faculty who have high academic and ethical standards and a proper appreciation of the worth of the individual. Trinity's size is restricted so that classes may be kept small and personal relations fostered between student and teacher.

In the city outside the campus gates, Trinity students are able to benefit from an urban society similar to that in which most of them will live after graduation. Trinity is the only small New England men's college in a metropolitan center. Close at hand are business and industrial plants, museums, libraries, the state government, and many opportunities for the enrichment of cultural life.

HISTORY

Trinity College was founded in 1823 by Episcopalian clergy and laymen who wanted an institution of higher education that would be free from the religious tests of Congregational orthodoxy then demanded by the faculty and officers at Yale, which was at that time Connecticut's only college. Trinity, as stipulated in its charter, has never imposed a religious test upon trustees, faculty, or students.

Since the idea of the founders was that the new college should pioneer in educational philosophy and practice, the early curriculum gave the natural sciences a place almost unique among American colleges of the time. Despite attempts in the 1820's and 1830's to establish special faculties of law, theology, and medicine, the College has remained a liberal arts institution that has frequently adjusted its curriculum to the major currents and demands of the times. In 1845 Trinity was granted a chapter of Phi Beta Kappa — the eighth college in the country so honored.

The College, known as Washington College until 1845, originally occupied three buildings of classic revival design on the site of the present State Capitol. In 1872 the old campus was sold to the State of Connecticut and in 1878 classes were begun in Jarvis and Seabury Halls, the first of the present buildings, located on a hilltop in the southwestern section of Hartford. Subsequent construction has generally followed the English secular Gothic design, and most of the later structures have been placed according to a modification of the original master plan of the distinguished English architect, William Burges. The campus' English Gothic Chapel was dedicated in 1932. The latest campus additions are Mather Hall, the student center, completed in 1960, and North Campus Dormitory, completed in 1962.

Trinity College has long had a program of intercollegiate athletics, and was one of the charter members of the New England Intercollegiate Athletic Association.³ Since 1870 athletic contests have traditionally been played with New England and other eastern colleges of similar size and purpose.

Trinity's Alumni Association, founded in 1831, is one of the oldest in the United States.

The College has been fortunate in its selection of presidents. Each has contributed toward maintaining and strengthening the tradition of the liberal arts. Under the Reverend Remsen Brinckerhoff Ogilby (1920-1943) endowment and faculty were more than doubled. Perhaps the last of the College's eleven Clergy-Presidents, he insured the dignity of religion on campus in building the Chapel and making it both symbolically and geographically the center of the campus.

G. Keith Funston, a Trinity graduate under President Ogilby, returned from World War II service as President (1945-1951). The student body was increased to 900 during his term. He secured increases in resources from eight to thirteen million dollars, and built dormitories, laboratories, a new library, and the field house. Now President of the New York Stock Exchange, Mr. Funston continues as a Trustee of the College.

Dr. Albert Charles Jacobs, fourteenth president of the College, combines the qualities of a great teacher with recognized ability as an administrator. He was former Chancellor of the University of Denver, Provost of Columbia University under President Dwight D. Eisenhower, and Professor of Law at Columbia for 22 years.

As President he has completed a most successful campaign for funds which has made possible, among other things, substantial increases in faculty salaries, an extension to the Hallden Engineering Laboratory, and Mather Hall, the College's student center. Plans for the future development of the College include a Mathematics-Physics Building (under construction), an Arts Center, a Gymnasium, and additional dormitories.

As a spokesman for Christian liberal education and an interpreter of the principles of American freedom, Dr. Jacobs has been widely honored.

The present campus comprises some 85 acres with playing fields and buildings, many of which are in the collegiate Gothic style of architecture.

SEABURY HALL (1878) still contains many of the college classrooms and faculty offices. The distinctive charm of its rooms, no two of which are alike, expresses the individuality for which Trinity is known.

JARVIS HALL (1878) now serves as a dormitory.

NORTHAM TOWERS (1881), also containing dormitory rooms, joins Seabury and Jarvis Halls. These three buildings, constructed of native brownstone quarried from the river banks of nearby Portland, run north and south to form the western side of the main quadrangle. In front of these buildings extends Trinity's famous "Long Walk."

The northern end of the quadrangle is formed by:

WILLIAMS MEMORIAL (1914) containing Administrative and Faculty offices,

THE DOWNES MEMORIAL CLOCK TOWER (1958) with the Trustees Room and administrative offices, and

THE COLLEGE CHAPEL (1932), gift of the late William G. Mather, Class of 1877.

The southern side of the quadrangle is formed by:

COOK DORMITORY (1931) which contains the Faculty Club, Hamlin Dining Hall, and the College Medical Offices,

GOODWIN and WOODWARD DORMITORIES (1940),

THE CHEMISTRY BUILDING (1936), gift of the late Walter P. Murphy, Hon. '33, contains modern classrooms and laboratories, an auditorium seating 500, and the Robert E. Riggs Memorial Chemical Library, and

THE LIBRARY (1952).

Beyond these buildings is the South Campus with its several buildings and where eventually will be located the Arts Center and the Mathematics-Physics Building (under construction).

The south campus buildings are:

JARVIS LABORATORY (1888) for Physics, gift of George A. Jarvis, Class of 1885,

BOARDMAN HALL (1900) containing classrooms, the College's *Museum of Natural History*, and laboratories for biology and geology,

ELTON HALL (1948) and JONES HALL (1953), two dormitories,

THE HALLDEN ENGINEERING LABORATORY (1946), given by Karl W. Hallden, '09, was doubled in size in 1953 and a third gift made possible a two-floor addition which has tripled its laboratory space, and

MATHER HALL (1960), the Student Center.

The college athletic facilities include 19 acres of playing fields along the eastern part of the campus, *Trinity Field* for varsity football and track, with a seating capacity of 7,000, and the following buildings:

MEMORIAL FIELD HOUSE (1948), with an indoor track and removable basketball floor, can also be used as an auditorium seating 2,500 persons,

TROWBRIDGE MEMORIAL (1929) adjoins the Field House and contains the swimming pool, squash racquets courts and locker facilities, and

ALUMNI HALL (1887), a gymnasium for intramural sports and physical education classes.

Vernon Street and Allen Place are at the north end of the campus. Here are found the President's House, Fraternity houses, faculty residences and four dormitories:

Ogilby Hall (1941),

Allen East & Allen West (acquired 1958),

The North Campus Dormitory (1962).

THE LIBRARY. The Library of the College attained distinction at an early date. The first professors pooled their personal collections, and one of their number, Nathaniel Wheaton, was sent to England in 1824 to obtain books and funds for the new institution. By 1952 the Library had grown to a collection of 225,000 volumes. In that year Trinity's book resources reached a size and distinction equalled by few colleges in this country when it was combined with the Watkinson Library, an endowed collection of 130,000 volumes, which until then had been located in downtown Hartford.

Today the library is the focal point of the College. The modern, fireproof structure embodying the latest in library construction, is located at the southeast corner of the quadrangle. It has space for 500,000 volumes and accommodations for 350 readers. Its present resources include approximately 380,000 volumes, giving Trinity one of the largest library collections among colleges of comparable size.

The library facilities are comprised of two principal collections: The college collection, which contains some 250,000 volumes and nearly 100,000 pamphlets, and the Watkinson Library, a distinguished collection of some 130,000 volumes of research materials in the humanities including 200 incunabula. The Trinity library also subscribes to over 500 current periodicals and adds approximately 6,000 books to its shelves each year.

Many works of great value and interest are contained in the Trinity collection including two Greek manuscripts of the twelfth century, several illuminated Latin Books of Hours of the fourteenth and fifteenth centuries, fine examples of books printed before the year 1500, rare mathematical and medical works of the sixteenth, seventeenth, and eighteenth centuries, the engraver's exceptionally fine copy of Audubon's great work, *Birds of America*, and first editions of the works of the most prominent English and American writers.

The wealth of library resources at Trinity makes it possible for students not only to read widely in a variety of subjects but also to carry out considerable personal research. The Hamlin Memorial Reading Room contains the selected volumes for the Trinity Reading Course.

During term time the College Library is open from 8:30 a.m. to 10 p.m. Monday through Friday, from 8:30 a.m. to 5 p.m. on Saturday, and from 2 p.m. to 10 p.m. on Sunday.

The following library collections in the city of Hartford are also available to Trinity students for reference purposes: THE HARTFORD PUBLIC LIBRARY; CONNECTICUT STATE LIBRARY; CONNECTICUT HISTORICAL SOCIETY; CASE MEMORIAL LIBRARY (Hartford Seminary Foundation); HARTFORD BAR LIBRARY ASSOCIATION; UNIVERSITY OF CONNECTICUT SCHOOL OF LAW LIBRARY; HARTFORD MEDICAL SOCIETY LIBRARY; CHARLES D. HINE LIBRARY (Connecticut State Department of Education).

THE CHAPEL. The Trinity campus is dominated by its limestone Chapel, one of America's most beautiful examples of pure Gothic architecture, given by the late William G. Mather, '77, in memory of his mother. The interior of the Chapel is widely known for its woodcarvings done by the late Gregory Wiggins of Pomfret, Connecticut, which represent not only religious scenes but also some of the great American traditions. The stained glass windows by Earl Sanborn are also excellent examples of the craft. Besides the Main Chapel, the building includes the Chapel of the Perfect Friendship in which the flags of the fraternities are displayed, a Crypt Chapel for smaller services, an Aeolian-Skinner organ by G. Donald Harrison and two small organs on which students may practice, the thirty-bell Plumb Memorial carillon, music room, and the Chaplain's offices.

The College Chapel is open to visitors at all times during the day and all regular services are open to the public. The Chapel and its facilities are available to students, alumni, and friends of the College for baptisms, weddings, funerals, and other special services. Arrangements may be made with the Chaplain.

MATHER HALL. William Gwinn Mather Hall, the College's Student Center (1960), is the hearthstone for student activity. This attractive addition to the campus is located at the southern end of Hamlin Hall just beyond the main campus quadrangle and contains the student dining hall, a large assembly hall, lounges, game and activities rooms, and the snack bar. Also located here are offices for the student government organizations, Medusa and Senate; offices for the *Tripod* and *Ivy*, student publications; the Trinity College Bookstore; the Post Office; and an Alumni Lounge. Provision is also made for locker-room facilities for non-resident students.

Admission To College

CANDIDATES for admission may obtain the necessary application forms by writing to the Office of Admissions, Trinity College, Hartford 6, Connecticut. Each candidate for admission will be advised of the procedure to be followed.

Trinity urges candidates to begin the application procedure by the end of the junior year. The closing date for completing applications is March 1 of the year in which entrance is desired but early applications give more time to complete the admissions procedure.

General Admission Policy

Trinity's charter states that the College shall not make the religious tenets of any person a condition for admission. Similarly race, color, or economic circumstances are not, and never have been, considered in selecting candidates for admission.

Enrollment in the freshman class is limited to approximately 270 men. The numbers applying greatly exceed the number of places available. Consequently, admission to the College is the result of a selective and highly competitive process aimed at securing the best possible candidates: those who will profit most from a Trinity education.

Applicants are judged on (1) their academic promise and performance, (2) their qualities of character and personality, and (3) their accomplishments within their schools and communities. Particular attention is given to the personal qualities.

The school record, the College Entrance Examination Board Tests, and the personal recommendations from school administrators and teachers are all carefully considered by the Committee on Admissions. Candidates should be well prepared for Trinity's academic work. They should also be willing and able to take part in one or more of the many campus and community activities which are open to them.

Since Trinity is a national institution, some special consideration is given to geographical distribution in the selection of candidates, providing they meet fully the college's requirements for admission.

Sons of alumni who meet all the admissions requirements are given preference over other candidates of similar qualifications.

All freshman candidates and their schools will be notified of the Committee's decision, usually before May 1.

Early Decision

Well qualified, capable candidates who have selected Trinity as the college of their first choice, may wish to request an evaluation of their credentials early in the senior year. The purpose of this plan is to avoid the necessity of filing additional applications at other colleges, providing, of course, the candidates involved are clearly admissible regardless of the competition for any given year. Requests for early decisions will be honored until December 1.

To receive an early evaluation, the following items must be placed on file in the Admissions Office:

1. An Early Decision form (provided by the College) which allows for school's approval of candidate's request;
2. The scores of the College Board Scholastic Aptitude Test taken in March or May of the junior year;
3. The transcript form covering the academic record and school recommendation through the junior year;
4. The two teacher's recommendation forms;
5. The personal application.

Students accepted on the Early Decision plan are ordinarily urged to take in the senior year the Scholastic Aptitude Test and the Writing Sample of the College Entrance Examination Board for the purpose of giving up-to-date information to the College. Seventh and eighth semester transcripts covering the candidate's academic work of the senior year will be reviewed as part of the entire admissions process.

Early Decision candidates in need of financial assistance, to receive consideration, should submit to the College Scholarship Service by November 7 a Parents' Confidential Statement so that a copy of it can reach Trinity before December 1. Announcements of decisions on financial aid and admission will be sent at the same time, before January 1.

Secondary School Requirements

Trinity requires a diploma from an accredited secondary school and certification by this school in the following subjects:

English	Four years
Foreign Language*	Two years
Algebra	Two years
Plane Geometry	One year
History	One year
Laboratory Science	One year

* The Committee on Admissions strongly recommends that candidates continue the study of their foreign language through their final secondary school year so that there will be continuity between the secondary school and college courses in the same language. Also, the committee urges a candidate to develop depth in a single language by studying it three or four years, if possible.

In view of the increasing competition for admission to the College, it is recommended that candidates offer considerably more work in college preparatory courses than is listed above.

College Board Examination Requirements

Applicants for admission to Trinity are required to take two College Entrance Examination Board tests: the Scholastic Aptitude Test and the Writing Sample. It is the candidate's responsibility to request the College Board to send the scores of the Scholastic Aptitude Test and a copy of the Writing Sample to the Admissions Office.

Trinity College prefers that all candidates take the Scholastic Aptitude Test in December or in January of their senior year.

The College prefers the Writing Sample be taken in December, but it may be taken in January.

Although Achievement Tests in specific course subjects are not required, it is strongly recommended that those candidates who take such examinations report the results to the College. The Achievement Test in English Composition is used for exemption from Freshman English. Foreign language Achievement Tests will be used for placing entering freshmen in the proper language course. Other such tests may be used for purposes of placement or guidance.

More detailed information about fees, dates, and registration forms for these examinations should be obtained by writing to the College Entrance Examination Board, P. O. Box 592, Princeton, New Jersey, or if the candidate resides in states west of Kansas, to Box 27896, Los Angeles 27, California.

Interviews

Candidates for admission to the College are always welcome to visit the campus and to have an interview with a member of the admissions staff. The best times for such interviews are during the summer, fall or early winter. During the months of March and April applicants are not usually interviewed because the staff's time must be spent in evaluating applications as it selects the incoming class.

To be assured of an interview candidates are asked to write or telephone for an appointment well in advance of the day they propose to visit the College. The Admissions Office is open for interviews Monday through Friday from 9:30 to 4:30. It is also open Saturdays from 9 a.m. until noon from October 1 through February 15.

During the year the admissions officers visit many schools throughout the United States in order to meet and talk with prospective applicants about Trinity and its program.

Furthermore, in many areas throughout the country, prospective applicants may be interviewed by members of Trinity's Alumni Interviewing Committee.

Advanced Placement for Freshmen

Trinity's academic departments will consider applications from entering freshmen for advanced placement.

Many secondary school students take college level courses under the Advanced Placement Program of the College Entrance Examination Board. Students who wish to apply for advanced placement under this program are usually expected to take the Advanced Placement Tests of the College Entrance Examination Board.

Advanced placement, qualitative credit and quantitative credit, will be given for scores of 5, 4, or 3 on the College Entrance Examination Board Advanced Placement Tests by the following departments: Biology, Chemistry, Classical Languages, English, German, History, Mathematics, Physics, and Romance Languages. Credit will not be given for scores of 2 or 1. Any department is allowed to give quantitative or qualitative credit, or both, to an entering freshman on the basis of its own special examination.

Students who have taken college level courses in programs other than the CEEB Advanced Placement Program may request consideration for advanced placement and credit in individual departments at Trinity.

All requests and applications for advanced placement should be directed to the Director of Admissions before September 1 of the year of entrance.

Foreign Students

Students from foreign countries are usually expected to fulfill the same requirements as other students. The Dean of the College serves as adviser to foreign students. Trinity College has been approved for the attendance of nonimmigrant students under the Immigration and Nationality laws by the Immigration and Naturalization Service at Hartford (April 30, 1954) with the file number A10 037 658.

ADMISSION TO ADVANCED STANDING BY TRANSFER

Trinity, as a rule, offers few places to men who wish to transfer from other colleges. Because of the small number of candidates actually accepted, only those candidates whose academic records are of good to excellent quality will be considered.

Students at other accredited colleges who wish to transfer should write to the Director of Admissions requesting information about the procedure. The necessary forms and directions will then be sent to them. Briefly, the procedure for the transfer candidate is:

1. To file a Personal Application Form, accompanied by a \$10 Application Fee;
2. To submit his secondary school record;
3. To submit his college record through the most recent semester;

4. To request a faculty member of his college to submit a letter of recommendation;
5. To request the College Entrance Examination Board to submit the results of any tests he has taken;
6. To write a letter stating the reasons for transferring.

These data will be evaluated by the Committee on Admissions, and normally in May or early June the candidate will be informed whether or not he should continue with a final application.

Transfer applications may be made for entrance only at the beginning of the academic year in September, and such applications should be made before May 15.

No candidate will be considered who is not in good standing at his college.

An admitted transfer candidate may not apply for financial aid during his first year at Trinity.

As a general rule, transfer credit will be given for courses, comparable to those offered in the Trinity curriculum, in which the candidate has received grades of C or better. However, in all cases, the Registrar has the right to award or withhold credit.

THE TRINITY SUMMER SCHOOL

A summer school, for which a separate Bulletin of courses is published, is held at Trinity College each year. The courses offered are not so numerous as in the winter session, but duplicate in the main those of the winter terms. In a number of fields it is possible to complete a full year's work in a course during the summer session. Summer school courses and residence facilities are open to both men and women.

A student must be a high school graduate and if he has been in attendance at another college, must be in good standing at that college to be admitted to the Summer School. In other words, students who have been required to withdraw from other colleges will not be accepted. All subjects offered carry degree credit. A number of courses are offered for graduate students.

CREDIT FOR WORK IN OTHER SUMMER SCHOOLS

Trinity undergraduates who must make up deficiencies at summer school are expected to attend the Trinity Summer Session.

Work of "70" grade or better done at an accredited summer school may be counted toward satisfying the requirements for a degree. In order to have such work counted, application must be made to the Registrar and his approval secured before taking up the work. The applicant must state the courses proposed and the institution he proposes to attend. No course will be approved that duplicates other work submitted for degree requirements. The faculty reserves the right to re-examine the student upon all such work before allowing credit.

GRADUATE STUDIES

Trinity College offers a number of graduate courses in the evening during the regular academic year. These courses, which may lead to the degrees of Master of Arts and Master of Science, are designed for part-time students, and are open to both men and women. Details concerning the requirements for these degrees will be found in the section, *Degree Requirements*.

Complete information about enrollment, degrees, and graduate courses are contained in a separate Bulletin which may be obtained by writing to the Dean of Graduate Studies.

COLLEGE BUILDINGS

Seabury Hall	1878	Chemistry Laboratory	1936
Jarvis Hall (dormitory)	1878	Woodward-Goodwin Dormitory	1940
Northam Towers (dormi- tory)	1881	Ogilby Hall (dormitory)	1941
President's House	1885	Hallden Engineering Laboratory	1946, 1953, 1958
Alumni Hall (gymna- sium)	1887	Memorial Field House	1948
Jarvis Laboratories	1888	Elton Hall (dormitory)	1948
Boardman Hall of Natural History	1900	Library	1952
Williams Memorial (admin- istration)	1914	Jones Hall	1953
Trowbridge Memorial (pool, squash courts)	1929	Allen Dormitories, East and West	1958
Cook Dormitory	1931	Downes Memorial Clock Tower	1958
Albert C. Hamlin Dining Hall	1931	Mather Hall	1960
Chapel	1932	North Campus Dormitory	1962
		Math-Physics Building (under construction)	

Financial Aid

GENERAL INFORMATION

THE expense of an education in the independent college is often more than the student and his family can meet during the four college years. Fortunately there are many people who believe that they should help worthy young men secure the educations which are within their reach intellectually, if not financially. These generous people have left in trust to Trinity College funds which may be used to help students meet the expenses of living and studying at Trinity. These funds are augmented by the College, which allocates a part of its operating income for use in the financial aid program.

The financial aid program at Trinity College is designed to render the most effective assistance to deserving students who desire to study at Trinity College but whose resources are insufficient to meet the complete cost of education.

Three sources of financial aid are available to Trinity students:

1. *direct grants* from scholarship funds;
2. *loans* from college funds set aside for this purpose, and from the National Defense Student Loan Fund;
3. *bursary employment* in college jobs, or part-time off-campus jobs.

Each application for assistance is considered upon its merit, and grants are made for a single year. Students who wish to apply for continuance of financial aid or for additional loans must do so as described in the section, *Method of Application, Candidates for Renewal*.

Student Responsibility

Each candidate normally shall be expected to meet part of his need through the use of loan funds, through bursary employment, through off-campus employment, or a combination thereof. The College expects the student to meet a greater share of his need through summer employment or borrowing as he progresses in his college career, thereby releasing funds to assist other deserving, needy students.

Candidates who seek aid from the College are also advised to investigate opportunities in their communities. Rotary, Kiwanis and other service organizations may have a scholarship program; so, too, may the candidates' high schools. Various states now offer low-rate loan programs, and several states support scholarship programs. Numerous company and corporation scholarship plans as well are open for application.

TERMS OF AWARD

All financial aid is awarded on the basis of the following factors:

1. *Intellectual promise* — The recipient shall have a good mind and should be able to meet the rigorous academic requirements of Trinity College.



The Long Walk in the Quadrangle

A Pictorial Presentation of
TRINITY COLLEGE

With Excerpts from an Address by
ALBERT CHARLES JACOBS
Fourteenth President of the College



The Downes Memorial Clock Tower, main entrance to the campus, as seen from the quadrangle

a dedicated purpose . . .

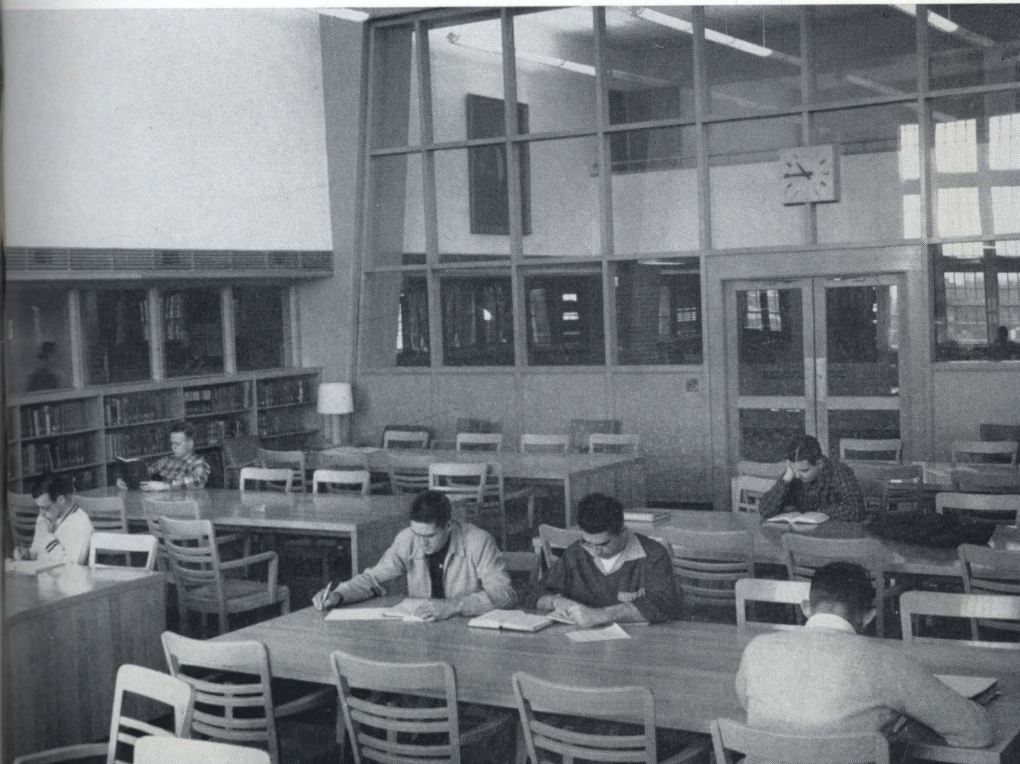
"What is the goal of Trinity College? In our motto lies the answer, *Pro ecclesia et patria*. Here in noble terms is expressed our dedicated purpose—steadfast over the years—a constant devotion to religious values and to the republic of which we are proud. 'The aim of the institution,' according to *Scribner's Monthly* of 1876, 'is to furnish students a complete education and to prepare them for a truly educated manhood.' This means integrity in education—mental, physical, as well as spiritual and moral strength.

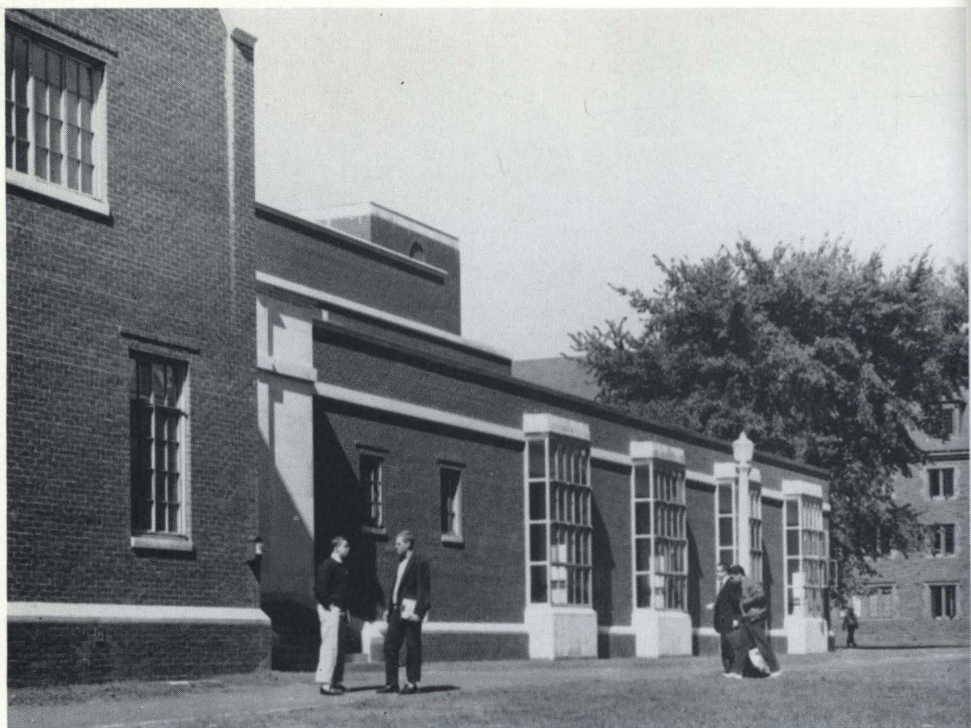
"It is thus the high mission of the college to promote the intellectual, physical, moral, and spiritual development of the young men entrusted to our care so that they may become intelligent, self-reliant, upright, and enlightened citizens and leaders, whose personal lives are happy, fruitful, and meaningful. We aim to train them to be qualified effectively to meet the complex problems of the exciting world in which they will live; to develop character, which is the proper blending of wisdom, integrity, responsibility, and human understanding with spiritual values; to think and to act for themselves, to think as individuals and not as a group; and to make sound judgments. In essence, we want the student to develop as an individual, to attain his full stature as a person created in the image of God.



The Library

Main Reading Room





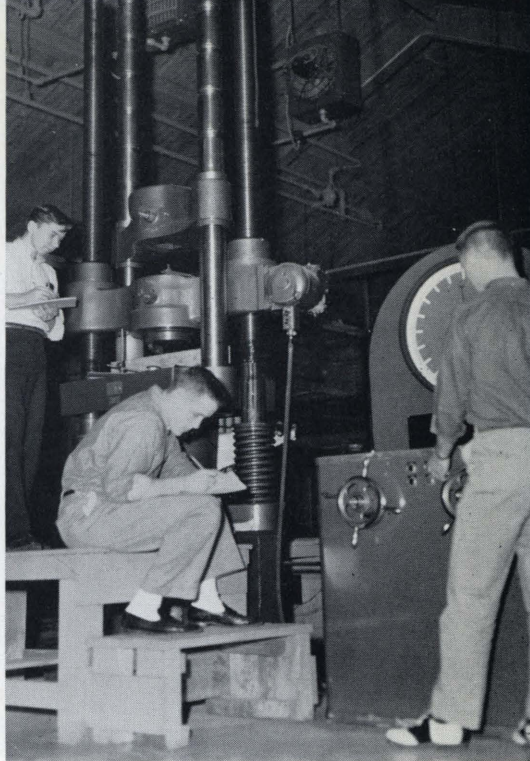
Mather Hall – Student Center

The Hallden Game Room





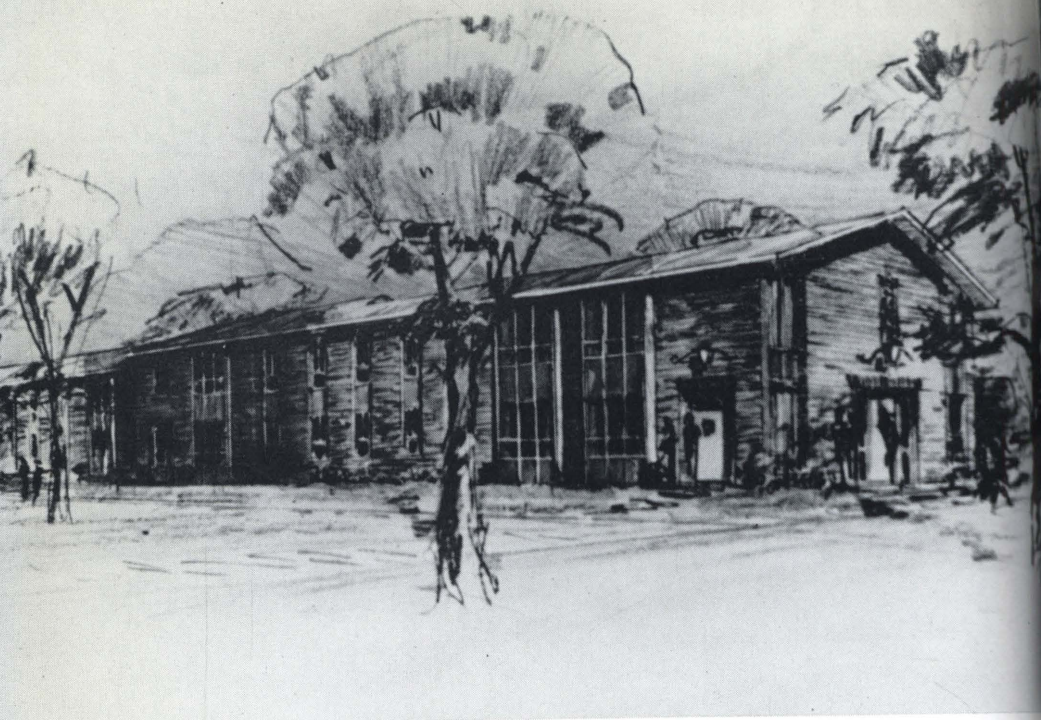
Radio Trinity - WRTC-FM



Hallden Laboratory Equipment

Mather Hall Dining Room





Architect's Drawing of North Campus Dormitory

Jarvis Dormitory





The Watkinson Library Reading Room

"pro ecclesia et patria" . . .

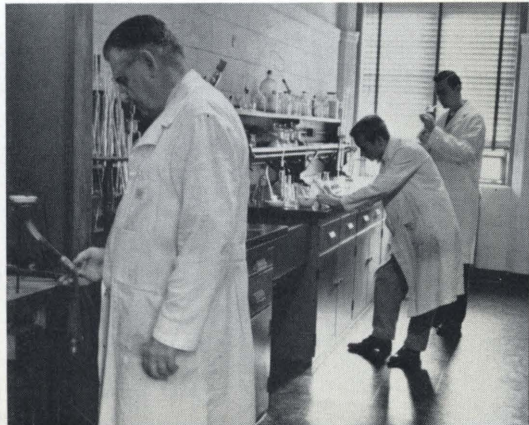
"Trinity seeks to gain these objectives through sound education in the liberal arts. Experience has taught that this is the most effective way to train our young men to become useful citizens and leaders, *Pro ecclesia et patria*, capable of thinking for themselves, of doing for themselves in the spirit that built this great nation; and, yes, of developing fully as individuals.

"The curriculum, the faculty, a deep and pervading religious atmosphere, and the students are the tools for successful operation. Each must be sharp and effective.

Professor Nye and Students



A Chemistry Laboratory





Basketball season in Memorial Field House

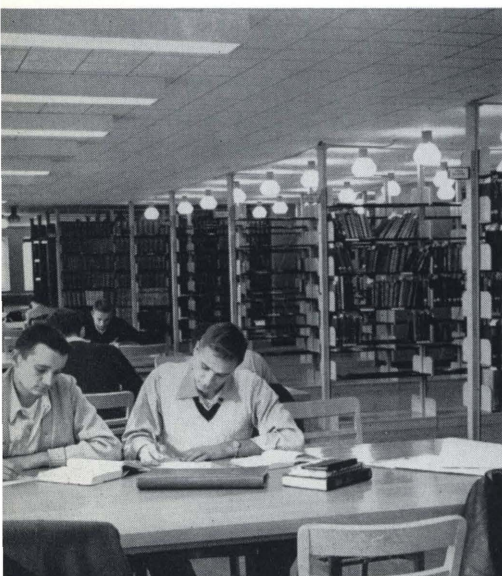


Junior Adviser's Study

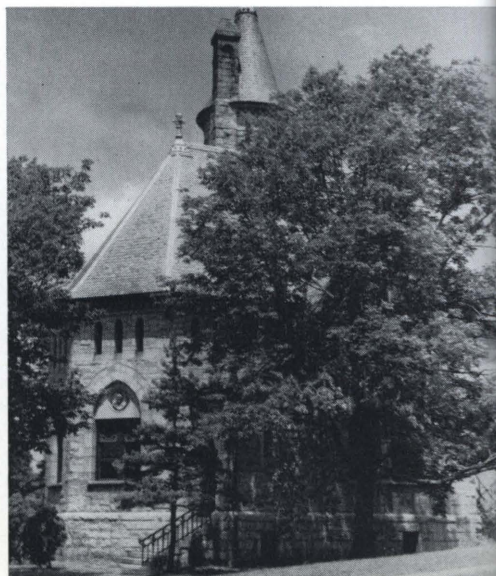


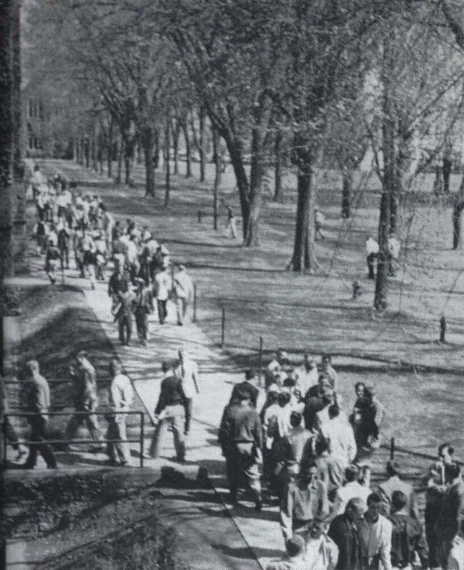
Lounge in Mather Hall

Library Interior

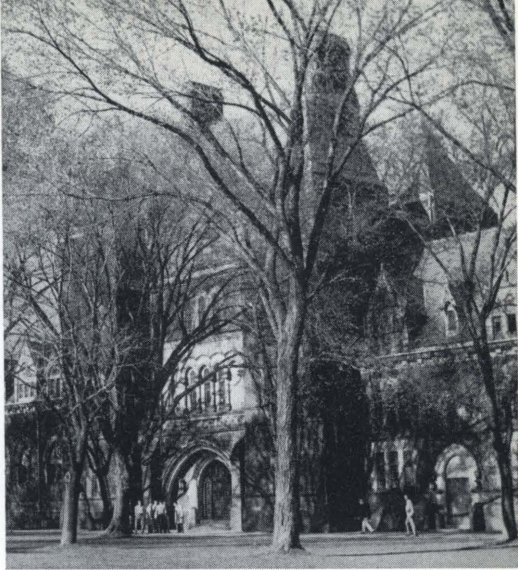


One of ten fraternities





Change of Classes

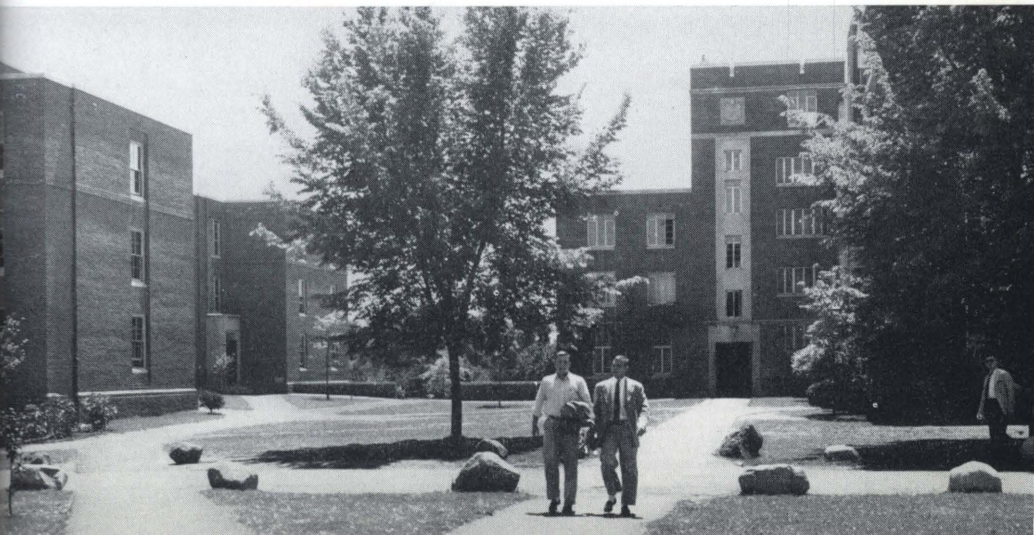


Northam Towers

to build an open mind . . .

“The curriculum, subject to constant study for improvement, is sufficiently broad to provide fundamental training in the liberal arts. Through a knowledge of history and economics, philosophy and religion, language and literature, the fine arts, the sciences, the humanities, and the social studies, our curriculum is constructed to build an open mind, schooled to careful thinking, trained in philosophic investigation, familiar with the thought of past generations; ‘people who have,’ in the words of the Honorable John J. McCloy, ‘caught the fire of great thoughts, and great men, who know something of our culture and our history, who can exchange views in tolerance with others, and, above all, who have high ethical standards.’

Jones Hall – Elton Hall Quadrangle





Faculty Adviser and Student



History Class

Hallden Engineering Laboratory





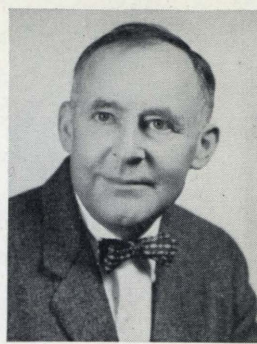
Lawrence W. Towle
Economics



Blanchard W. Means
Philosophy



J. Wendell Burger
Biology



F. Woodbridge Constantine
Physics

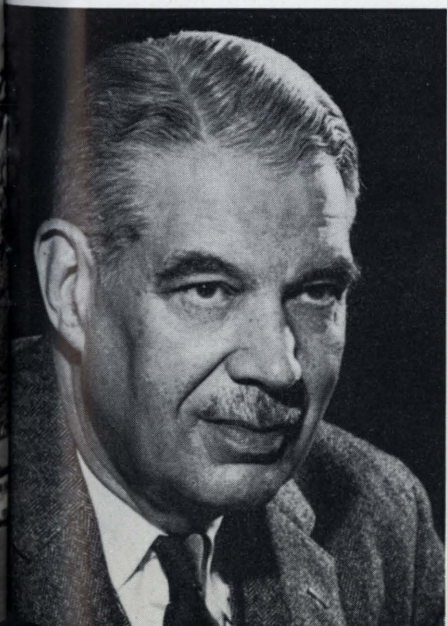
to stimulate thought . . .

"From that day on June 2, 1824, when our first President, Bishop Thomas C. Brownell of hallowed memory, vowed that the college would 'seek the ablest professors,' our faculty have been selected with meticulous care, ever mindful that their primary duty is to stimulate thought and not the parroting of encyclopedic facts.

ALBERT CHARLES JACOBS

Albert Charles Jacobs, Rhodes Scholar, Professor of Law at Columbia University for twenty-two years, Provost of Columbia under President Dwight D. Eisenhower, and former Chancellor of the University of Denver, came to Trinity in 1953.

As a spokesman for Christian liberal education and an interpreter of the principles of American freedom, he has been widely honored. He takes an active part in the civic life of Hartford and in the diocesan work of the Protestant Episcopal Church. Several times he was called upon by President Dwight D. Eisenhower to serve the national government.





on religious foundations . . .



Chapel Woodcarving

"The college, I am proud to say, is built on firm religious foundations, *Dominus Illuminatio Mea*, believing in the view expressed by President Eisenhower that if we are to be strong we must be strong first in our spiritual convictions, and holding to the truth so well expressed by William Penn when the Colonial Constitution of Pennsylvania was being written: People who are not governed by God will be ruled by tyrants. Yes, this college receives enduring strength and guidance from its traditional bonds with the Episcopal Church. In accordance with our Charter we seek to intensify the ties of each student with his chosen faith.

The Chapel – Choir and Chancel



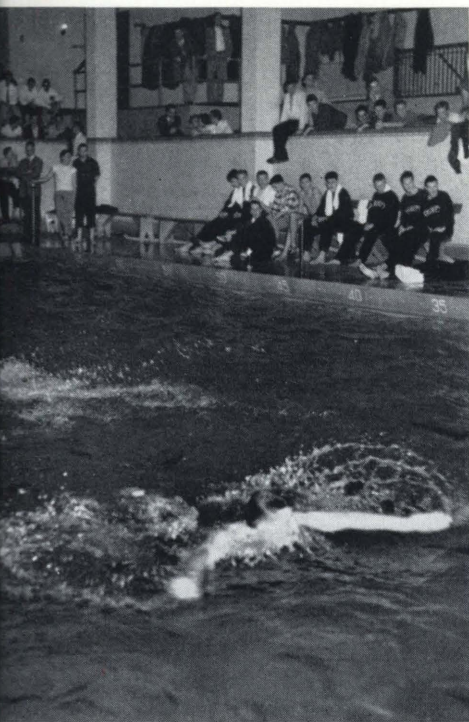


Jesters' arena-style presentation of Shakespeare's "Hamlet"

the requisite tools . . .

"Trinity possesses, I believe, the requisite tools for the effective execution of our dedicated mission. But is this effective execution of more than academic interest? My answer is yes, unequivocally, yes. I say this because of the world in which we live, because of the enormity of the problems free peoples face, and because of current trends in education. At stake is the dignity and integrity of the individual; whether he or the state is to be supreme, the real center of justice; whether God or Mammon will guide our destiny.

"A wise resolution of these problems, problems that gravely concern our keenest minds, calls for citizens and leaders of wisdom, courage and vision, of understanding, resourcefulness, and faith in God. The ultimate choice will be made not by governmental edict, but by the individual citizen in his day-to-day acts. He occupies a position of compelling consequence, more so than at any time in history. He is the very heart of our ideology, of our way of life. We must see that he has the wisdom, the courage, the self-reliance, the moral and spiritual strength to think for himself and to act for himself, to decide for himself, without dependence on or help from paternalistic government. Never has the world so desperately needed a proper sense of values, a crystal clear perspective. For all of this, sound and thoughtful training in the liberal arts is fundamental.



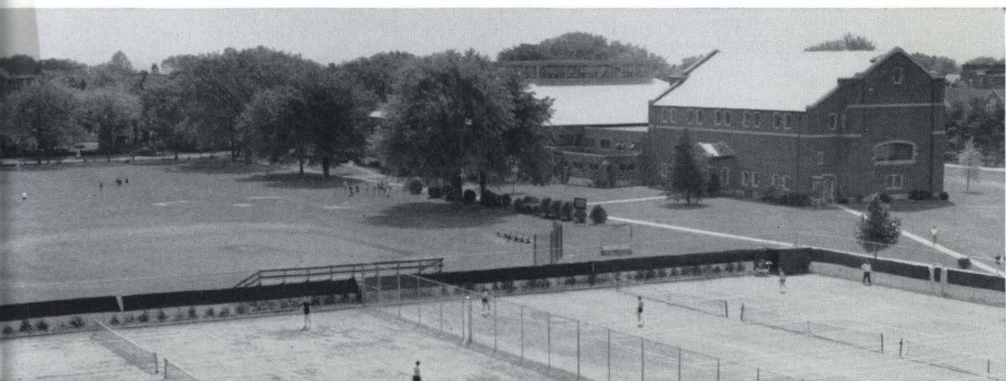
Trowbridge Pool



Varsity Football

"Our student body, national in character and limited in size, is carefully selected without reference to race, color, or creed. It will remain small in number because we believe that the highest academic values can be conveyed only through close personal contact between teacher and student. They cannot be transmitted simply through the radiation of sounds in lecture rooms of assembly hall size!

Tennis Courts, Freshman Diamond, Memorial Field House, Trowbridge Pool





Commencement

of liberal education . . .

"The object of liberal education is man himself, his growth, his maturity, and his rationality, man as an individual. It has as its approach and its substance the study of human problems, the comprehension of ideas and of ethical concepts, a view of relations, and a determination between choices. It seeks to inculcate an interest in the arts and the sciences for their own sake, the finding of values in life other than material, the development of individuality and of self-respect. It is both the approach and the means of approach to basic problems—to religion and morality, to politics and the state, to law and government, to economics and sociology, to science and technology.

"The liberally educated man, although he may be a specialist in one field, has a mind that can operate in many fields. He has a balance of perspective between his own specialty and the efforts of all humanity; he has an ethical approach both to that specialty and to that totality. Instruction in the liberal arts provides the knowledge, understanding, and discipline for its acquisition; the perspective, the inquiring mind, and the sense of values to meet effectively the problems of the world and to make the day-to-day decisions on which our way of life depends."

2. *Leadership* — The recipient shall show evidence of leadership by his participation in the life of his school community and by his ability to bring out the best in other people.
3. *Character* — The recipient shall have an outstanding character, as demonstrated by his ability to assume responsibility, by his unshakable loyalty to standards of high personal worth, and by a spirit of unselfishness.
4. *Need* — This will be determined for the most part as explained below.

NEED

Need must be demonstrated in all cases where financial aid is sought. The candidate and his parents should understand that need is the first requisite for financial assistance.

Need is determined by the procedure established by the College Scholarship Service, Princeton, New Jersey. Trinity, with more than 325 other colleges, is a member of this organization, and all applications for financial aid are to be made on the College Scholarship Service Form (the Parents' Confidential Statement).

The candidate for financial aid and his parents should evaluate their own financial situation carefully before completing the application. The College assumes that the parents and the candidate together will accept responsibility for as great a share as possible of the costs of a college education. They have a responsibility to other candidates and to the College not to expect more assistance than is actually required.

METHOD OF APPLICATION

Candidates For The Freshman Class Must:

1. File a Preliminary Application for Admission with the Director of Admissions at Trinity prior to February 15 of the year they intend to enter.
2. File a College Scholarship Service Parents' Confidential Statement with the College Scholarship Service, Box 176, Princeton, N. J. This form may be obtained from his secondary school guidance officer. If he does not have a copy, write directly to the College Scholarship Service.
3. Request the College Scholarship Service (in the proper place on the form) to send a copy of the Parents' Confidential Statement to Trinity College.

Trinity Undergraduates

New Candidates — Upperclass candidates for financial aid must obtain the Parents' Confidential Statement at the Registrar's Office. It must be returned directly to the Committee on Financial Aid, Registrar's Office, prior to the announced application deadline for each semester.

Candidates for Renewal — Every recipient of financial aid who wishes

to apply for a continuation of assistance must do so prior to May 1 of each academic year. To allow the Committee on Financial Aid to determine the exact amount he needs each year, he must file with the Registrar's Office the Parents' Confidential Statement for Undergraduates. Also required are references from two faculty members. A candidate who has received bursary employment must file as well a report from the head of the department in which he has worked testifying to the satisfactory fulfillment of his duties.

Fifth-year Engineering Students

Through the generosity of Mr. Karl W. Hallden, member of the Class of 1909, and a Trustee of the College, there are a limited number of scholarships for outstanding candidates for the Engineering degrees. Information concerning these may be had from Dr. Arthur H. Hughes, Dean of the College.

TERMINATION OF FINANCIAL AID

The Committee on Financial Aid may withdraw financial aid from a student for one or more of the following reasons:

1. *Freshmen* — Not in good academic standing (on probation) at the end of the first semester. (A freshman in good standing at the end of the first semester, but who has not maintained an average of 70% with passing grades in all courses will receive a loan in lieu of his scholarship grant. This loan will be cancelled if he achieves "scholarship grades" at the end of the second semester.)
2. *Upperclassmen* — Failure at the end of any semester to maintain an average of 75% with passing grades in all courses. An upperclassman who loses aid for this reason may be considered a candidate for a non-cancellable loan at the discretion of the committee.
3. Evidence that all or part of the aid is not needed.
4. Failure to show proper economy in living.
5. A breach of college discipline or of civil law; or any conduct unbecoming a Trinity student.

TERMS FOR RENEWAL OF GRANTS

Renewal of financial aid is based upon the following factors:

1. *Financial* — Continued need for financial aid must be demonstrated.
2. *Academic* — (a) All candidates for renewal are expected to have maintained an academic average commensurate with their indicated academic potential. (b) As a general rule they must have maintained, at the end of the latest semester marking period, an average of at least 70% with passing grades in all courses. (See *Termination of Financial Aid*, freshmen.) Upperclassmen must have maintained

at the end of the latest semester marking period an average of at least 75% with passing grades in all courses. The fact that a student meets minimal academic requirements does not automatically entitle him to renewed aid.

3. *Personal* — All applicants for renewal shall have maintained the same high personal standards required for the original award. They shall show by their mode of living that they are making the most economical use of the aid awarded to them. (The recipient of financial aid is not to maintain an automobile during the academic year.)

A pamphlet, "Information on Financial Aid," containing complete information about the program is available upon request to the Admissions Office.

Trinity undergraduates who desire information about financial aid should consult the Registrar.

A number of endowed scholarships are open to students with particular qualifications. Lists of all scholarships available are found in the section, *Scholarships*.

STUDENT EMPLOYMENT

To assist in meeting the needs of worthy candidates, the Financial Aid Committee in most cases will offer part-time bursary employment with direct grants or loans as part of the total financial assistance rendered. These bursary jobs in the Dining Hall, Library, and administrative offices are such that they do not interfere with the regular academic schedule. Ordinarily, such work does not consume more than fifteen hours a week.

In addition, there are a small number of other part-time positions on the campus which are available to students who are in need of financial help. Application for work with the College must be made with the Placement Office.

There are also numerous opportunities for employment in the City of Hartford. The Placement Office serves as a liaison agent between students and outside employers.

College Expenses

GENEROUS friends have endowed the College with funds of over twelve million dollars. Income from these funds makes it possible for Trinity to give students an education which actually costs much more than the tuition charged.

Bills for tuition and fees for board and room are rendered and are payable on or before Registration day at the beginning of each term. Supplementary bills for extra courses and fees not included in the original billing will be rendered where applicable and are payable within ten days. A charge of five dollars is made for late payment. No deduction or refund is made for courses dropped, for absence, or for withdrawal from college.

All checks should be made payable to "The Trustees of Trinity College." Communications regarding bills should be addressed to the Treasurer.

Scholarship awards are credited to the student's account. One-half of each Financial Aid Grant is credited to the student's account at the beginning of each semester.

As an associate of The Tuition Plan, Inc., the College is prepared to extend to parents or guardians the opportunity of paying tuition and other fees in equal monthly installments during the college year. The additional cost is small. Adoption of this plan is optional and intended solely as a convenience. Details will be included with the college bill.

Another helpful program, known as the Insured Tuition Payment Plan, is also available to our students. This is a plan of prepayments on a monthly basis without interest and with complete insurance protection on the earning power of the parent which at all times guarantees payment of the cost of the education planned. Inquiries should be addressed to: Insured Tuition Payment Plan, 38 Newbury St., Boston 16, Mass. Please bear in mind that it is best to make arrangements for this plan several months in advance.

No student may receive his degree, or an honorable dismissal, until the Treasurer certifies that all his college bills have been paid, and that so far as the Treasurer knows there are no lawful claims against him.

SCHEDULE OF COLLEGE FEES

Tuition	per term	\$700.00
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General Fee	per year	\$150.00
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(Payable at the beginning of the year, this fee partially finances the operation of the Student Center, student organizations and publications, student accident and sickness insurance, vocational tests, laboratory fees, and admission to athletic events.)

Fees for extra courses	per half-year course	\$140.00
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ADDITIONAL EXPENSES FOR RESIDENT STUDENTS

Freshmen:

Room Rent and Board in College Dining Hall (18 meals a week)	per term	\$400.00
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Upperclassmen:

Combined Room Rent and Board in College Dining Hall (18 meals a week)	per term	\$400.00
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Room Rent only	per term	\$175.00
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Please note: The above fees do not include the cost of books and classroom supplies, travel expenses, laundry, clothes, medical expenses, Sunday meals, and fraternity fees.

DEPOSIT FEES

General Deposit Fee

(Payable at the beginning of the freshman year)	\$30.00
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Against this deposit will be charged laboratory breakage, library fines, parking fines, room damage, and the cost of keys, athletic equipment, R.O.T.C. uniforms and equipment, auto tags, and other college property lost or not returned on schedule. Any balance remaining will be refunded after completion of the senior year.

Degree Requirements

THE BACHELOR'S DEGREE

I GENERAL REQUIREMENTS

The following requirements apply to all students entering in September 1961 and thereafter.

Any student from an earlier class whose cumulative average is at least 80 may, with the approval of the chairman of his major department, elect to enter this curriculum.

A student who does elect it must notify the Registrar in writing that he has done so and must also show to the Registrar the written approval of the department chairman involved.

Once a student has elected this curriculum, he may not change to the old curriculum.

Students in the classes of 1964 and 1963 who do not elect this curriculum are governed by the academic requirements of the old curriculum. (See the Catalogue Issue of the *Trinity College Bulletin*, LVII, No. 3, Catalogue Number 209, September 1960.)

The undergraduate study programs at Trinity lead to the Bachelor of Arts and the Bachelor of Science degrees. Trinity also has a five-year engineering program which enables students to earn, at the end of four years, the Bachelor of Science degree and, at the end of five years, one of three engineering degrees: the Bachelor of Science degree in Electrical Engineering, in Engineering Science, or in Mechanical Engineering.

At the graduate level, Trinity grants the Master of Arts and the Master of Science degrees.

The college calendar consists of three terms: the Christmas Term and the Trinity Term, which comprise the regular academic year, and a Summer Term of shorter duration. All students are required to attend the Christmas and Trinity Terms, and may proceed at an accelerated pace by attending one or more Summer Terms.

For the Bachelor's degree a student must complete eighteen *full-year courses*, or their equivalent in *half-year courses*, plus two years of Physical Education. Six of the total courses are Basic Requirements, and twelve are courses in the major field, related fields, and electives.

Each *course* (also referred to as a *full-year course*), unless otherwise specified, meets three hours a week throughout the academic year and gives six semester hours of credit. One semester hour represents one classroom meeting per week for one semester (or term).

A *half-course* (also referred to as a *half-year course*) meets for three hours per week for only one semester (or term) and carries credit amounting to three semester hours unless otherwise specified.

The normal schedule for freshmen and sophomores consists of five

courses a year plus Physical Education. For juniors and seniors the normal schedule consists of four courses a year.

It is possible to qualify for the Bachelor's degree in three calendar years by utilizing a combination of Trinity's Transition to College Plan (described in a separate publication), Advanced Placement credit, and summer study. Similarly, it is possible to qualify in some subjects to receive the Bachelor's degree and the Master's degree at the conclusion of four years of study.

Basic Requirements

The object of Trinity's curriculum during the first two years is to provide the methods, basic facts, and ideas which will furnish a common body of knowledge of sufficient breadth on which to base the last two years of concentrated study in a specific field. By such a program the College seeks to develop the student's ability to reason, to use his imagination, and to communicate his ideas; it further seeks to develop a capacity for continuing self-education.

Students who have demonstrated pre-college mastery of one or more of these Basic Requirements can receive college credit for this mastery. (See the section, *Advanced Placement for Freshmen*.)

Candidates for the Bachelor's degree fulfill the Basic Requirements by taking courses in six broad areas designed to give the student a general view of the fundamental areas of human knowledge.

The Basic Requirements are:

1. The first Basic Requirement is two half-year courses in English reading, writing, and speaking to provide intensive practice in expository and literary communication and appreciation.
2. The second Basic Requirement is a full-year course in a foreign language to equip the student to deal in an effective manner with the language of another people and to understand its culture.
3. The third Basic Requirement is a full-year course in Western European history to provide a foundation for studying the organization of modern society and human relationships.
4. The fourth Basic Requirement is two half-year courses in Mathematics to develop the power to analyze and to deal with abstractions.
5. The fifth Basic Requirement is a full-year course in natural science to develop an understanding of scientific techniques and theory.
6. The sixth Basic Requirement is a half-year course in Philosophy, and a half-year course in Literature or Fine Arts or Music to examine the record of human achievement and to develop standards of esthetic, cultural, and moral value.

Concentration in Major Fields

On the foundation provided by the above requirements along with electives during the first two years, Trinity bases complementary study in which a student concentrates and explores more deeply a field of special

interest. These concentration requirements are called "majors" and form the principal work of the junior and senior years.

The candidate for the Bachelor's degree must fulfill the qualitative and quantitative course requirements in a major and pass a General Examination in a major.

The majors are:

B.A.	B.A.	B.S.
Classical Languages	History	Biology
Economics	Music	Chemistry
English	Philosophy	Engineering
Fine Arts	Psychology	Mathematics
German	Religion	Physics
Government	Romance Languages	

There are Interdepartmental Majors in the following:

Modern Languages (B.A.)
Pre-Medical
Special (defined in section below entitled *The Major*)

Details of the requirements of each of these majors are to be found under the appropriate headings in the section, *Courses of Instruction*.

Students who plan to do graduate work in their major field are urged to consult with the appropriate department concerning foreign language requirements in graduate school.

Electives

Each student completes his program by selecting courses of his choice in addition to Basic Requirements and major courses. Men whose secondary school education and required college courses may have left a gap in some area of general education are encouraged to take electives in that area. Some may wish to supplement their major or pre-professional courses by studying subjects in allied fields. Others may seek to become acquainted with new subjects that afford personal profit and enjoyment.

II SPECIFIC REQUIREMENTS

A candidate for the Bachelor's degree must:

1. Complete 18 full-year courses or their equivalent in half-year courses including the Basic Requirements, complete the qualitative and quantitative requirements for the major, and pass a General Examination.
2. Attain a grade of at least 70 in 13 of the 18 courses, or grades of at least 80 in enough courses to offset any excess of grades below 70.
3. Complete satisfactorily the requirements for Chapel attendance. Chapel requirements may be met by regular attendance at the College Chapel or at a place of worship of the student's own choice. (For details, see *General Academic Information: Attendance*.)
4. Complete satisfactorily the requirements in Physical Education. (See sections, *Courses of Instruction: Physical Education*; and *General Academic Information: Attendance*.)

Before being admitted to his third year at Trinity, a student must attain a grade of at least 70 in five full-year courses or their equivalent in half-year courses.

Courses which fulfill the Basic Requirements

Before entering their third year, all students, except those proposing to major in Chemistry or Engineering, must have passed all of the Basic Requirements. A student failing in any of the six categories below may attempt only once more to satisfy that Basic Requirement. A student who fails to complete the Basic Requirements in the prescribed time shall be required to withdraw from the College. A course taken as a Basic Requirement may not count as a requirement toward a major.

The six basic requirements are

1. English 101 and 102
2. Foreign Language: through Course 111-112 in French, German, Greek, Italian, Latin, Russian, or Spanish.* (See footnote below.)
3. History 101-102
4. Mathematics 103 and 104 or Mathematics 105 and 106
5. Natural Science with laboratory—one of the following courses:
 Biology 101-102 or 201-202
 Chemistry 103-104 or 105-106
 Geology 101-102
 Physics 101-102 or 121-122
6. Philosophy and Literature or Fine Arts or Music — one half-year course in Philosophy and one half-year course from the following:
 Classical Civilization 201 or 202 (Classical Humanities)
 English 245 or 246 (American Literature)
 English 241 or 242 (British Literature)
 English 243 or 244 (World Literature)
 Fine Arts 101 or 102 (History and Appreciation of Art)
 French 211 or 212 (French Literature)
 German 301 or 302 (German Literature)
 Greek 201 or 202 (Greek Literature)
 Italian 211 or 212 (Italian Literature)
 Latin 121 or 122 (Latin Literature)
 Music 103 or 104 (History and Appreciation of Music)
 Religion 211 or 212 (Introduction to the Bible)
 Spanish 211 or 212 (Spanish Literature)

* In college a student is normally expected to continue for one year the language studied in secondary school unless: (1) he shows intent to work in fields or majors requiring another language, or (2) he has been given credit through Advanced Placement in a foreign language, or (3) he shows proficiency in a qualifying examination in the modern languages. These proficiency examinations are given by the Department of Modern Languages in September and January of each year. A passing grade on this examination satisfies *qualitatively* the foreign language requirement at Trinity College (Basic Requirement Number 2).

Students who have not been in Advanced Placement Programs but who are qualified may take the Department's own test equivalent to the Advanced Placement Test. A passing grade on this test satisfies *qualitatively* and *quantitatively* the literature requirement in a foreign language as outlined in Basic Requirement Number 6.

Problems concerning completion of the language requirement or the course for which the student's entrance credits would normally qualify him will be referred to the Committee on Foreign Languages.

The Major

1. In the selection of a major a student must consult the chairman of the department (or his deputy) not later than the end of the period of the student's sophomore status to discuss the suitability of his intended major and to obtain the chairman's approval in writing, and to outline a proper program of courses for the satisfactory completion of this major.
2. No student may take more than six courses in any one department or in any one foreign language unless he has obtained quantitative credit with Advanced Placement, or has passed a proficiency examination in a modern language, or elects extra courses above the normal number of courses in the sophomore, junior, or senior years.
3. All candidates for the Bachelor's degree are required to pass a General Examination in the major near the end of the senior year. The dates for these examinations are set annually by the Dean of the College. If a student receives a failing grade, he may take the General Examination a second time either in September of the same year or in the following year when the General Examination is scheduled. The scope of the General Examination for each department is outlined under the appropriate departmental offerings in the section, *Courses of Instruction*.
4. A student who desires an Interdepartmental Major must formally apply for it with the department chairmen concerned. An adviser will be assigned to the student from the department in which the major part of the student's work is done. The General Examination includes examinations in subjects where four, three, or two full-year courses are taken. Two Interdepartmental Majors are available: Modern Languages and Pre-Medical. (See *Courses of Instruction*.) Other special Interdepartmental Majors may be established with the approval of the departments concerned and of the Faculty Curriculum Committee for those students whose over-all average in the freshman and sophomore years is at least 80.

III SEQUENCE OF COURSES

The Freshman and Sophomore Years

The typical program which fulfills the Basic Requirements for the freshman and sophomore years is:

Freshman

English 101 and 102
 Mathematics 103 and 104 or
 Mathematics 105 and 106
 Basic Requirement
 Basic Requirement
 Elective
 Physical Education

Sophomore

Basic Requirement
 Basic Requirement
 Course in proposed major
 Course in proposed major
 or related course
 Elective
 Physical Education

Undergraduates are urged to discuss with their advisers the sequence of courses that will equip them for their majors. This is especially important for majors in Engineering, Natural Science, and those electing the Air Science ROTC program. Those freshmen entering with Advanced Placement or passing proficiency examinations can, with the consent of their advisers, substitute other courses.

The Junior and Senior Years

The typical program which fulfills requirements for all students in the junior and senior years consists of one major course, another major or related course, and two electives.

IV PRIVILEGES OPEN TO SUPERIOR STUDENTS

To encourage superior students to make the most of their abilities, Trinity offers a number of special opportunities.

Advanced Placement (see section, *Admission to College: Advanced Placement for Freshmen.*)

Advanced Study courses are offered by many departments for qualified seniors. Such courses may include a thesis, tutorial work, or independent study which permit the superior students to work intensively in areas of special interest. Details of the various Advanced Study courses are to be found under the appropriate departmental offerings in the section, *Courses of Instruction.*

Interdepartmental Majors may be established with the approval of the departments concerned and of the Curriculum Committee of the Faculty for students whose over-all average in the freshman and sophomore years is at least 80. (See sections, *Courses of Instruction* and *Degree Requirements: The Major.*)

Graduate Courses: seniors with honor records may, subject to regulations established by their major departments, elect as a part of their undergraduate program graduate courses in the departments in which such courses are available. The departments have listed these courses after the undergraduate courses in the section, *Courses of Instruction.* For full course descriptions see the current *Graduate Studies Bulletin.*

Auditing Courses: With the permission of the instructor concerned students may audit any course or individual course meetings in the College.

REQUIREMENTS FOR THE ENGINEERING DEGREES

PREREQUISITES

To enter the fifth year leading to the Bachelor of Science degree in Electrical Engineering, in Engineering Science, or in Mechanical Engineering:

1. A candidate must hold a Bachelor's degree from Trinity or an equivalent degree from another accredited college.

2. A candidate must obtain permission of the Engineering Department and of the department in which he will concentrate if other than Engineering.
3. A candidate for the Bachelor of Science degree in Engineering Science must have attained a grade of at least 70 in one course in Physics beyond Physics 221-222 or Physics 201-202; Mathematics 302; one Chemistry course and eight of the courses listed in paragraph 4.
4. A candidate for the Bachelor of Science degree in Electrical or Mechanical Engineering must have attained a grade of at least 70 in all the following:
 - Mathematics 105 and 106; 201 and 202; 301 and 302
 - Physics 121-122 and 221-222; or Physics 101-102 and 201-202
 - Chemistry 103-104 or 105-106
 - Engineering 223, 224, 323, 324, 331, 332, 337
5. Candidates for the degree in Mechanical Engineering must also have attained a grade of at least 70 in Engineering 338, 441, and 442.
6. Candidates for the degree in Electrical Engineering must also have attained a grade of at least 70 in Engineering 338 or 442 and Physics 307 and 302.

Total Course Requirements:

1. Twenty-three courses, or their equivalent in full and half-courses. Five of these, including a thesis, shall be taken in the fifth year.
2. At least six courses must be outside the areas of engineering, mathematics, science, and air science (AFROTC). Five of these must be taken in the first four years.

SEQUENCE IN ENGINEERING

The typical program which fulfills the requirements of the Engineering Major or prepares the student to enter the fifth year is:

First Year

English 101 and 102
 Language (full-year course)
 History 101-102
 Mathematics 105 and 106
 Physics 121-122
 Physical Education

Second Year

Chemistry 103-104
 Engineering 223 and 224
 Literature or Fine Arts or
 Music (one half-course) and
 Philosophy (one half-course)
 Mathematics 201 and 202
 Physics 221-222
 Physical Education

Third Year

Mathematics 301 and 302*
 Engineering 323 and 324
 Engineering Elective
 Elective

Fourth Year

Economics 201-202
 Engineering Elective
 Engineering Elective
 Arts Elective

* Mathematics 302 is not required for the Engineering Major.

To fulfill the requirements for the Fifth Year, a student must earn a grade average of 70 or better in the following program, and present an acceptable thesis to receive the Bachelor's degree in Engineering:

Fifth Year

Engineering 451 and 452

Physics – one course or two half-courses beyond Physics 222 or 201

Engineering 483-484 (Thesis)

One Arts elective (one full-year course or two half-year courses)

One course in the major field:

Electrical Engineering majors: Engineering 461-462

Mechanical Engineering majors: Engineering 471-472

Engineering Science majors: one course in their science major

REQUIREMENTS FOR THE DEGREES OF MASTER OF ARTS AND MASTER OF SCIENCE

Men and women holding Bachelor's degrees from colleges approved by the faculty may apply to the Committee on Graduate Studies for admission as candidates for the degree of Master of Arts or Master of Science. Graduate study may be pursued in the evening and in summer sessions. Catalogues for Graduate Studies and Summer Session are published separately.

Candidates must complete a total of five graduate full-year courses, totaling 30 semester hours, at least three of which courses must be in his field of major study and two of which may in certain instances be in another field approved by the chairman of the department of major study. Students may be asked to write a thesis in place of one of the five regular courses.

Candidates must study at Trinity the equivalent of at least one year. Not more than six semester hours of credit will be given for work done at another institution.

Trinity undergraduates who desire to take extra courses that may later be credited toward the Master's degree must receive the approval of the Committee on Graduate Studies, and must so notify the Registrar. Such courses cannot later be used in satisfying the requirements of the Bachelor's degree.

Other information may be obtained from the Dean of Graduate Studies.

Special Academic Programs

I THE DEPARTMENT OF AIR SCIENCE

The Department of Air Science offers the four-year Air Force ROTC Program leading to a Reserve Commission as a Second Lieutenant in the United States Air Force. The first two years are known as the Basic Course and the last two years, the Advanced Course.

Enrollment in either Course is voluntary, but once either is entered, the Course becomes a prerequisite for commissioning. Students enrolled in the Basic Course must complete the entire two years to receive college credit. Air Science 101 and 102 have been combined into a half-year course entitled Air Science 102 which is presented in the Trinity Term of the freshman year. Air Science 201 and 202 have been combined into a half-year course entitled Air Science 201 which is presented in the Christmas Term of the sophomore year. During the Christmas Term of the freshman year and the Trinity Term of the sophomore year, AFROTC students will take half-year courses in any of the following subjects in lieu of Air Science 101 and Air Science 202 respectively:

Biology, Chemistry, Economics, Education, Engineering, English, French, Geology, German, Government, Greek, History, Italian, Latin, Mathematics, Philosophy, Physics, Psychology, Russian, or Spanish.

For the Basic Course, the physical qualifications for entrance into college are all that are needed. For enrollment in the Advanced Course a student must pass a physical examination and must have completed the Basic Course. Each application for the Advanced Course is subject to the approval of the Professor of Air Science and the President of the College. Advanced Course students will take two half-year courses in Air Science each year.

Advanced Course students must sign a contract with the Government agreeing to complete the Advanced Course, to attend a four weeks encampment at an Air Force base during the summer between the junior and senior years, and to accept a Reserve Commission, if tendered, upon completion of the Course.

Students are furnished text books, equipment, and complete uniforms free of charge.

The Government offers to defer selected cadets from induction into the Armed Services while enrolled in Air Force ROTC training, providing they maintain the required standards. An Advance Course student will receive regular pay while enrolled at the College and during the summer training period for a total of \$618.00.

Advanced Course students who are physically qualified and desirous of pilot training are provided, free of charge, in the senior year thirty-five hours of flight instruction leading to a private pilot's license.

II THE DEPARTMENT OF ENGINEERING

Trinity College offers its students the opportunity to major in the field of engineering and, with a fifth year of study, to earn a Bachelor of Science degree in Engineering. The College firmly believes that a liberal arts background is essential to the modern engineer.

Students wishing to undertake a career in engineering may choose one of the following three plans of study: *Engineering Degree*; *Engineering Major*; or *Pre-Engineering*. A *Pre-Architecture* plan is also available. The course requirements of the Department are sufficiently flexible to permit a student who is interested to choose one of these plans as late as the second half of his sophomore year. It is desirable, of course, for the student to start his prerequisite courses in his freshman year so that he will not be required later to take concurrently courses regularly scheduled in sequence. A description of the three plans follows:

1. **ENGINEERING DEGREE.** The Engineering Degree Program is a five-year plan for those who wish to obtain a Bachelor of Science in Electrical Engineering, in Engineering Science, or in Mechanical Engineering. A student electing this program will receive a first Bachelor's degree from Trinity College at the end of his fourth year upon satisfactory fulfillment of the degree requirements. He will, in his fifth year, take five courses as outlined in the section, *Requirements for the Engineering Degrees*, the successful completion of which will enable him to receive a second Bachelor's degree in a designated branch of engineering.

Application for entrance to the Engineering Degree Program should be made to the Chairman of the Engineering Department.

The tuition for the fifth year is \$1,400 which covers the five required courses. There is also a General Fee of \$90 for accident and sickness insurance, laboratory fees, admission to athletic contests, etc.

2. **ENGINEERING MAJOR.** This program is designed for those who may plan to do post-graduate work in Business Administration, Industrial Management, or who desire a general knowledge of Engineering as a background for a non-professional engineering career in business or industry. Detailed requirements for the four-year Engineering Major are to be found in the section *Courses of Instruction*, Engineering. For a typical Engineering program see pages 44-45.

3. **PRE-ENGINEERING.** The plans outlined below are designed for those who wish to enter either Rensselaer Polytechnic Institute or Columbia University at the end of the third year. Under either plan a prospective student should enroll for essentially the same courses as are outlined for the first three years of a *Typical Engineering Program*.

Rensselaer-Trinity Course of Engineering Study

The Rensselaer Polytechnic Institute of Troy, New York, and Trinity College have made arrangements whereby students completing the Trinity

three-year Pre-Engineering course will be admitted to the Institute in full standing. Trinity College will confer upon the student a B.S. degree at the completion of his first year at the Rensselaer Polytechnic Institute if he has by that time satisfied the Trinity B.S. degree requirements. A Bachelor's degree in one of the engineering fields will be granted by the Institute after satisfactory completion of a second year of study. Under this plan the student may receive two degrees after five years of college work at the two institutions.

Columbia-Trinity Course of Engineering Study

Columbia University of New York and Trinity College have also made arrangements for a three year-two year program similar to that outlined above.

III TRANSITION TO COLLEGE PLAN

In the summer of 1957 Trinity College introduced what has since received wide attention as the Transition to College Plan. Under the Plan selected students who have completed the eleventh or twelfth grade are admitted to college classes at Trinity during the summer session. Their number is regulated so that the total is a minority in any individual class. Furthermore, the students are not specially identified to their instructors. On satisfactory completion of their study they receive full college credit.

Several Trinity undergraduates have used the Plan as a first step in a program to enable them to receive their degrees in three years, and more are expected to do so in the future. Detailed information about the Transition Plan is available on request to the Summer School Office.

General Academic Information

ENROLLMENT IN COURSES

In making his selections for a given term a student should take into account the choices which the schedule allows for the following term, as well as the subjects specifically required for his degree and for his major.

A statement of the subjects and number of each course and the period in which it belongs must be presented in writing to the Registrar. No student in regular standing is allowed to enroll during any one term in less than four courses. Payment of the tuition fee entitles a student to register for a program of four or five courses. With the consent of his faculty adviser and of the Registrar, a student may enroll in an extra course. The charge for each extra half-year course will be found under the section, *Schedule of College Fees*.

Regular students may, with the permission of the instructors, audit courses for which they are not enrolled. No examinations or credit will be given to such auditors.

Permission to drop courses and change programs is given during the first four days of the term. Arrangements for changes must be made with the student's adviser and reported by the student to the Registrar. In no case will a fee for extra courses be refunded after the conclusion of the first week of the semester. A course dropped after one week of classes is entered on a student's permanent record with the notation "dropped"; or "dropped, failing grade," if failing. In computing averages a "dropped" course will not be included, while a "dropped, failing grade" will be averaged as a grade of 40.

ATTENDANCE

All students are expected to attend regularly and promptly all their college appointments and exercises. While the College recognizes that some absences may on occasion be necessary, these should be held to a minimum.

Class Attendance

In order to provide for exceptional personal circumstances and emergencies, and to place the responsibility of his learning squarely on the student, the following regulations apply:

Freshmen are permitted up to three unexcused absences from classes in each course during Christmas Term, and a certain number in Trinity Term, depending upon their academic average earned in the Christmas Term. Freshmen who over-cut will be placed on academic probation.

Sophomores who are on probation or who receive grades of less than

70 in three courses at the end of any term are limited to three cuts per course per term.

Men who are in restricted-cut categories and over-cut are placed on academic probation for the following term.

Upperclassmen are otherwise held to no limited number of absences, but are responsible for all the work required in course, including readings, papers, reports, tests, and examinations. On recommendation of the instructor, however, a student may be required to drop, with failing grade, a course from which he has absented himself excessively.

All students are required to attend all meetings of seminars and laboratories.

Three unexcused absences are permitted in each quarter of required Physical Education. For details see section, *Courses of Instruction*, Physical Education.

Worship Attendance Requirement

Each student must attend a Sunday Chapel Service on at least nine Sundays in a term. In lieu of attendance at Trinity Chapel regular attendance at a church of one's own choice may be substituted.

MATRICULATION

Students are matriculated to the rights and privileges of official membership in the College Body at the annual Matriculation Ceremony held in early autumn, after which students must sign the following oath:

"I promise to observe the Statutes of Trinity College; to obey all its Rules and Regulations; to discharge faithfully all scholastic duties imposed upon me; and to maintain and defend all the rights, privileges, and immunities of the College, according to my station and degree in the same."

STANDING

Grades

At the close of each term a report of the scholarship of each student is sent to his parents or guardian. Scholarship reports are mailed directly to students.

A student shall be considered as in good standing who at the end of any term has passed four courses with grades of 70 or better in two of them.

A student who has credit for less than four courses will be classified as a freshman; one who has credit for at least four but less than nine courses will be classified as a sophomore; one who has credit for at least nine but less than thirteen will be classified as a junior; and one who has received credit for at least thirteen will be classified as a senior. Eighteen courses or their equivalent in half-year courses are required for graduation.

Every student must attain a grade of at least 70 in five courses, or their

equivalent in half-year courses, before being admitted to his third year at Trinity.

The official estimate of the work of each student in each course of study is indicated on the basis of 100. Grades below 60 denote failures. A failure in a course may be made up only by repeating the course or by taking it in an approved summer school.

A "condition" or "incomplete" is a special grade given by the instructor when in his opinion there is a deficiency that may be made up without repeating the course. A grade of "absent" indicates that the student was absent from the final examination in the course. Deficiencies, i.e., grades accompanied by "abs.," "cond.," or "inc." must be replaced by permanent grades during the semester following the one in which they are incurred unless otherwise stipulated by the instructor.

Probation

Any student who has not received at the end of a term passing grades in four courses with grades of at least 70 in two of these courses will be placed on probation for the following term. Further, any student who completes three consecutive college terms with term grade averages of less than 70 shall be considered for probation. For this purpose a student carrying any number of courses in any summer school approved by the Dean of the College will be considered to have been enrolled for a term.

Any student, for neglect of work, may at any time be put on probation by vote of the Faculty. When a student is placed on probation, notice of this action is sent to his parent or guardian if the student is unmarried and under twenty-one years of age.

Ordinarily a student on probation will not be permitted to manage any college organization, or to take part in any public musical or dramatic performance, or in any public athletic contest; and he may be required to put himself under the direction of a private tutor approved by the Faculty. But nothing in this section is to be so construed as to forbid students on probation to engage in intramural sports. Under certain conditions, men on probation for the first time may take part in one extra-curricular activity.

Students on probation may not elect more than five courses per term.

The Dean of the College or the Dean of Students or the Registrar will summon any student who at any final marking period passes a total of less than three courses to determine the reasons for such failure and to make recommendation to the Committee on Academic Standing and Discipline. Required withdrawal may be recommended.

Students who are again liable for probation will be required to withdraw from the College. Students required to withdraw as a consequence of probations may apply for readmission after a year has passed. Individual applications are considered on their merits by the Committee on Academic Standing and Discipline, and readmission is not automatic.

The College may at any time require a student to withdraw without assigning a reason therefor.

Study Abroad

Students may arrange to obtain credit for foreign study. Candidates for this privilege must stand in the top half of their college class and must have obtained junior status; the written approval of the Dean of the College must have been obtained in advance. Credit will be granted only for grades which correspond to Trinity's grade of 70 or better in programs which are conducted under the supervision of an American sponsoring institution recognized by Trinity for this purpose (such as the Junior Year in France of Sweet Briar College) or certain approved summer sessions.

Students planning a Junior Year Abroad should make careful arrangements with the chairman of the department in which they intend to concentrate to be sure that their program of foreign study is acceptable as a part of their total program of concentration. No Trinity degree or major requirements will be waived for students who study abroad.

No student may spend his senior year away from Trinity unless he has been admitted to Columbia or R.P.I. under the 3-2 engineering program.

THE FRESHMAN-SOPHOMORE ADVISORY COUNCIL

The College believes that academic counseling and advising are important facets of the educational process and has for many years maintained a faculty advisory system.

The Freshman-Sophomore Advisory Council provides that each student be advised by the same faculty member for both his freshman and his sophomore year. The Council is composed of some 40 faculty members appointed by the Council chairman with the advice of departmental chairmen. The Dean of Students, Registrar, Director of Admissions, and Director of Placement serve as *ex officio* members.

By the pre-registration period for his junior year the student will have chosen to major in one of the departments of the College and at such time will register with the advice of his departmental adviser.

Trinity assumes that by the time a student enters college he has developed such a level of maturity of judgment as to be able to solve most of his problems through his own devices. The advisory system is designed to aid the student who may need advice and counsel on those academic problems which he cannot solve for himself. The student should understand that the initiative in seeking advisory assistance is his own but that at such times as his advisers deem it necessary to counsel him he should feel a genuine obligation to pay strict attention to and take prompt action with reference to the request for an interview.

HONORS AT GRADUATION

The excellence of a student in the general work of his college course, or in the work of individual departments, is recognized at graduation by the award of honor rank in general scholarship, or in subjects in which the student has shown proficiency.

The two members of the senior class having the highest standing are designated, respectively, Valedictorian and Salutatorian.

Honors awarded at graduation, whether in general scholarship or in special subjects, are noted on the commencement program of the year in which they are awarded, and in the next issue of the *Trinity College Bulletin*, Catalogue Issue.

Students attaining the grade of ninety or better in all courses required for the degree are graduated with the title of OPTIMUS.

The distinction of honor rank in general scholarship is awarded at graduation to students who have attained a grade of eighty in each of eighteen full courses, or their equivalent in half-courses, and a grade of ninety in fourteen of these full courses or their equivalent in half-courses. Of students who have been in residence less than four years, a proportionate attainment will be required.

The fields in which Honors may be awarded are: Biology, Chemistry, the Classics, Economics, Engineering, English, Fine Arts, French, Geology, German, Government, Greek, History, Latin, Mathematics, Music, Philosophy, Psychology, Physics, Religion, and Romance Languages. The departments concerned recommend to the Faculty for Honors students who have achieved excellence in four courses designated by the departments. Special examinations and a satisfactory thesis may also be prescribed. Students are advised to consult the departmental heads concerning specific requirements.

HONOR SOCIETIES

Phi Beta Kappa, founded in 1776, is an honor society dedicated to humane scholarship. Members are elected from among those students who have achieved highest general scholastic standing. In addition, the charter of the Chapter stipulates that persons elected to membership "shall be men of honor, probity, and learning." Election to Phi Beta Kappa is widely regarded as a mark of highest distinction. The Trinity Chapter, known as the Beta of Connecticut, was chartered by the Yale Chapter, the Alpha of Connecticut, on June 16, 1845, and is the eighth oldest chapter of Phi Beta Kappa in the United States.

Pi Gamma Mu, a national social science honor society, was founded in 1924. The Trinity College Chapter, known as Connecticut Alpha, received its charter in 1936. The society has as its purpose the recognition of outstanding scholarship in the social sciences. Members are elected by unanimous vote from among graduate students and undergraduates of the senior and junior classes who have achieved superior rank in scholarship in the social sciences. The society is also empowered to elect to membership persons who have distinguished themselves in public service.

Sigma Pi Sigma is the only national physics honor society. Its chapters are restricted to some 80 colleges and universities of recognized standing which offer a strong major in physics. Membership is restricted to physics

students and to a few others in closely related fields. Selection is made on a scholastic basis. Those not meeting the scholastic requirements but interested in the aims of the society may become associates. The objects of the society are: (1) to serve as a means of awarding distinction to students having high scholarship and promise in physics; (2) to promote student interest in physics, and to encourage a professional spirit and friendship among those studying that subject; (3) to interest and inform the college community regarding developments in physics. Trinity became affiliated with the Society in 1949.

Delta Phi Alpha, the National German Honorary Fraternity, was founded in 1929. The Trinity Chapter, known as Delta Upsilon, was chartered on March 7, 1958. Delta Phi Alpha seeks to recognize excellence in the study of German and to provide an incentive for higher scholarship. In so doing it aims to promote the study of the German language, literature, and civilization, and endeavors to emphasize those aspects of German life and culture which are of universal value and which contribute to man's eternal search for peace and truth. To qualify for membership, students must distinguish themselves scholastically both in German and in other courses, and must give evidence of continuing interest in the German language and German culture.

Psi Chi, the national honor society in psychology, was founded in 1929 at the meeting of the International Congress of Psychology. The Trinity Chapter, known as Connecticut Alpha, was chartered and installed in 1959. The purpose of the organization is to advance the science of psychology and to encourage, stimulate, and maintain scholarship of the individual members in all fields, particularly in psychology. Membership in this honorary society is restricted to advanced undergraduate students who have shown outstanding scholarship in psychology as well as other departments of the College. The organization sponsors a psychological periodical in the Trinity Library and maintains a small collection of psychology books for use by all students.

THE CESARE BARBIERI CENTER FOR ITALIAN STUDIES

The Cesare Barbieri Center for Italian Studies was established at Trinity College in 1958 by a grant of \$100,000 from the Cesare Barbieri Foundation of New York. The object of the Center is to stimulate the study of Italian language and culture at the undergraduate and graduate levels, and Italo-American cultural relations locally and nationally.

Previous grants from the Cesare Barbieri Foundation have enabled the College to establish the Cesare Barbieri Lecture Series, to bring Italian students to the College for a year, and to purchase books and journals to strengthen teaching of Italian.

The Center also publishes twice a year the *Cesare Barbieri Courier*, a journal dedicated to matters of Italian culture.

COLLEGE LECTURES

A series of addresses by distinguished visitors is arranged each year by a standing committee of the faculty. This regular college lecture program has been broadened by the generosity of several alumni and friends of the College who have established endowed lectures in various fields of learning.

ENDOWED LECTURES

Moore Greek Lecture – Through the bequest of Dr. Charles E. Moore, '76, to encourage the study of Greek, an all-college lecture is presented annually on classical studies.

Mead Lectures – Annual lectures by distinguished authorities, conferences, and other special events are held on various topics in economics, government, and history.

Barbieri Lectures – A gift from the Cesare Barbieri Endowment provides for two public lectures a year by outstanding persons on some aspect of Italian Studies.

George M. Ferris Lecture – Through an endowment fund established by George M. Ferris, '16, the George M. Ferris Lecturer in Corporation Finance and Investments presents one public lecture each year in that field.

VETERANS

To deal effectively with matters concerning students who are studying under Public Laws 550, or 634, an Office of Veterans Affairs has been established. This Office handles veteran affairs under the respective public laws after admission to the College.

Students admitted to Trinity who intend to study under the G. I. Bill should, upon admission to Trinity, communicate with their local Veterans' Administration Office, requesting (1) that a certificate of eligibility and entitlement be issued to them for use at Trinity College in pursuing a course of study toward the B.A. degree or the B.S. degree, whichever applies. In the case of graduate students the appropriate courses would be either Master of Arts or Master of Science; (2) that all necessary folders and papers be sent to the Hartford regional office of the Veterans Administration, 95 Pearl Street, Hartford.

IMPROVEMENT OF READING

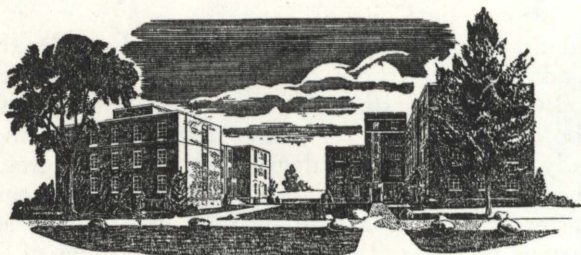
Trinity also offers a Reading Program in the interest of the students' intellectual welfare. It believes that almost all readers, even those already above average, can improve their comprehension and speed in reading and thus the efficiency of their studying. Consequently it offers each semester a non-credit course in the Improvement of Reading, employing reading films and tachistoscopic drill to improve the perceptual part of reading, and exercises on varied problems in comprehension to improve the conceptual:

Improvement in Reading, A: A course built around the Harvard Reading films, Strang's *Study Type of Reading Exercise*, and tachistoscopic drill.

Improvement in Reading, B: A course built around the Purdue Reading films, Cosper and Griffin's *Toward Better Reading Skill*, and special comprehension exercises. (Not offered, 1961-62.)

Each course meets five times a week for four weeks early in the semester. Normally Course A will be given in the first semester, and Course B in the second. Both may be taken to advantage and without repetition. During freshman week all entering students take a reading test, and those found inefficient in their reading are urged to take one or the other, if not both, of these courses.

For students who are experiencing trouble in their regular courses because they are unable to read with the efficiency demanded by college work, Trinity offers a diagnostic testing service. The College is unable to offer any individual tutoring, but will refer students who desire it to qualified persons in Hartford if they are willing to accept the financial responsibility which such tutoring entails. Any student who cannot spell at a satisfactory level may be required to do extra non-credit work by any one of his instructors. Hours are arranged at the beginning of each semester, after the student's other commitments have been determined.



THE JONES — ELTON QUADRANGLE

Campus Life

STUDENT GOVERNMENT

Trinity students are encouraged actively to concern themselves with their own government and regulation. The legislative body of this student government, the Senate, has charge of all class and club funds and supervises student organizations in general. The judicial function is delegated to Medusa, a senior honorary society, which maintains college traditions and discipline, and metes out the following non-academic penalties: fines, penums, admonition, censure, suspension, dismissal, and expulsions. The conditions of these penalties for misconduct are defined in the *College Handbook* and are supervised by the Senate, confirmed by the College Committee on Academic Standing and Discipline, and implemented by the Dean of Students.

DORMITORY FACILITIES

Many of the dormitories are arranged in two or three-room suites which accommodate two or more students each. There are also a number of single and double rooms in dormitories. Fireplaces in many suites are an attractive heritage from Trinity's past, but fire regulations now prohibit their use. Each room is equipped with essential articles of furniture: bed, mattress, bureau, desk, and chair. Students provide their own rugs, reading lamps, pillows, blankets, linens, and any occasional furniture desired.

All Trinity students who are not residents of Greater Hartford are required to live in the college dormitories or in fraternity houses.

STUDENT COMMONS FACILITIES

The main Dining Hall of the College is located in Mather Hall, Trinity's Student Center. All resident freshmen are required to eat in the Dining Hall which serves three meals a day except Sunday. Service is cafeteria style except for special occasions. The "Cave" serves snacks and light meals daily and is also open for Sunday meals.

Student lounges for both resident and non-resident students are contained in Mather Hall. Lounges are also located in Elton, Jones, and North Campus dormitories.

The College Post Office, located on the lower level of Mather Hall, provides complete postal service.

Opposite the Post Office is the Trinity College Bookstore, which handles books, gym supplies, notions, and novelties.

A campus laundry and cleaning service is located in the basement of Cook Dormitory.

SOCIAL LIFE

Trinity's location in Hartford provides the student with many cultural and social opportunities: symphony, theatre, museums, recreational facilities, and a large community of alumni and friends of the College. The city itself is at the center of "College Valley," as the Connecticut River area is sometimes called, and there are a number of men's and women's colleges within easy travelling distance of the campus.

There are five major social weekends at the College: those of the Junior Prom, the Senior Ball, the Sophomore Hop, the Interfraternity week-end, and the Military Ball. In addition, there are numerous lesser all-student social events and many fraternity and club parties.

The Freshman Executive Council, aided by the Director of Mather Hall, supervises freshman class social affairs such as dances and parties.

STUDENT ACTIVITIES

Student activities, an important part of Trinity's educational program, serve as laboratories for leadership, executive techniques, and some vocations.

The functions of the Senate and Medusa are described above under *Student Government*. The Cerberus is an honor society whose members act as official student hosts.

Musical organizations include a Chapel Choir, Band, Glee Club, Chamber Group, Society of Carillonners, Society of Student Organists, the Trinidads, and the Pipes Octet. Each spring an intramural singing contest is held for all social organizations.

Under the direction of the Department of Music a number of recitals and special musical services, with visiting artists and choruses, are held in the Chapel each year.

The Glee Club sponsors several joint concerts with nearby women's colleges and one extended trip during spring vacation to present concerts arranged by Trinity alumni in various localities.

Opportunities for literary expression are provided by the various student publications. The *Trinity Tripod*, a newspaper published twice a week by the students, has been serving Trinity students since 1904. The college yearbook, called the *Trinity Ivy*, is published each June in honor of the graduating class. A campus literary magazine, the *Review*, offers a critical market for prose and verse compositions and drawings of Trinity students. *The Archive* provides another literary outlet for scholarly papers. The *College Handbook* contains the College Regulations, the Senate and the Interfraternity Council constitutions, rushing rules, pictures of freshmen, athletic schedules, and information on student activities.

Student operated WRTC-FM, Radio Trinity, broadcasting from studios in Cook Dormitory, serves the Connecticut Valley from Amherst to New Haven. It has become well known for its educational programs of general interest as well as for its English programs beamed directly to local high schools.

The Jesters have won a reputation for excellence among collegiate dramatic groups in the East. Their arena style performances at the College have received much favorable comment from dramatic critics.

The Atheneum Society, one of the oldest college organizations, debates current economic and political questions in intercollegiate and inter-club competition. Membership is open to all students who are interested in forensics. The Atheneum Society has broadened its program to offer speakers and round table panel discussions to local schools and civic organizations.

Students have also organized clubs paralleling classroom interests. These include the Education Club, Engineering Club, French, Italian, and Spanish clubs, Political Science Club, Physics Club, and the Psychology Club.

FRATERNITIES

Eleven social fraternities maintain active chapters at Trinity. The ten national fraternities, each maintaining a house with dining facilities, are in order of chapter establishment at Trinity: Delta Psi, 340 Summit Street, 1850; Alpha Delta Phi, 122 Vernon Street, 1877; Delta Kappa Epsilon, 98 Vernon Street, 1879; Psi Upsilon, 81 Vernon Street, 1880; Alpha Chi Rho, 114 Vernon Street, 1896; Delta Phi, 70 Vernon Street, 1917; Sigma Nu, 78 Vernon Street, 1918; Theta Xi, 76 Vernon Street, 1949; Pi Kappa Alpha, 94 Vernon Street, 1953; Phi Kappa Psi, 1955. QED, a local fraternity, was founded in 1961.

Undergraduates may not pledge fraternities until their sophomore year and then only if in the previous semester a scholastic average of 70, self-imposed by the fraternities, has been attained.

Fraternities cooperate in campus life through an Interfraternity Council composed of representatives of each chapter. Procedures for pledging of students are regulated by the Council. A cup for high scholarship is awarded each year to stimulate competition for academic honors among fraternities.

INDEPENDENT SOCIAL ORGANIZATIONS

For students who do not wish to join a fraternity but desire to be in a social organization there is the Brownell Club. All non-fraternity men except freshmen are eligible for membership in this organization, which has clubrooms at 84 Vernon Street.

An informal group of students, composed of non-fraternity men in the upper classes, was organized during the academic year 1956-57. This group, known as the Independents, has been active in sponsoring a number of social activities for all college students and holds informal dinner meetings in Mather Hall.

COUNSELING

A Trinity education is based upon the close association of students with a distinguished faculty. The size of the College permits close

relations between students and faculty members, both in the classroom and in extracurricular activities.

The Dean of Students is generally responsible for the welfare, health, and discipline of the student body. A clinical psychologist certified by the State of Connecticut, he is available for counseling on student problems of a personal, academic, or vocational nature. He constitutes the liaison between the students and the President, the Dean, and the Faculty. His duties include supervision of all student housing and boarding, and all extracurricular activities except athletics. He oversees and fosters student participation in their own self government. The enforcement of all requirements legally imposed on the student is also a function of the Dean of Students.

The Registrar assists the Dean of the College in academic counseling and in the administration of the undergraduate financial aid program.

To assist the freshmen in their adjustment to college, about thirty members of the junior class serve as Junior Advisers to the freshmen.

All students are given the opportunity of taking psychological, vocational guidance, and aptitude tests as means of achieving a more satisfactory educational experience. In addition to the vocational counselling given by faculty members, Trinity's Dean of Students and Director of Placement are specialists in career counselling.

The Placement Director holds periodic interviews with students throughout their college course to encourage them to plan their careers after graduation. Representatives of graduate schools, business, and industry visit the College for personal interviews with undergraduates, and a Career Day is held annually on campus at the beginning of the Trinity Term.

Experience with many generations of students has demonstrated to the faculty that the young man who benefits most from college is the one who plans his course of study with a clearly defined and deliberate purpose. This unifying purpose is often, but not necessarily, vocational. Indeed, a major strength of liberal education is its adaptability to the personal needs of men preparing for a broad variety of vocations. Preparation for some vocations may be principally within a "major" or "group" study, described in the section, *Degree Requirements*. Preparation for other careers involves careful selection of electives in combination with a closely allied major study. In some cases a fixed sequence of courses is desirable. Many students will find it most effective to hand-tailor, in consultation with a faculty adviser, a study program to suit particular needs.

It is, therefore, strongly urged that early in his college career the student consult with his Faculty Adviser, with the Director of Placement, the Dean of Students, and other members of the faculty and administration, all of whom are willing to help the student plan his career and the best academic program to achieve his goals.

The Faculty Language Committee strongly recommends that students who intend to pursue their studies at Graduate School give special con-

sideration to the language requirements for advanced degrees. The Committee suggests that students confer before their junior year with the head of the Department in which they are majoring for specific information concerning such requirements.

RELIGIOUS LIFE

The spiritual life of the College is centered in Trinity's magnificent Gothic Chapel and is the responsibility of the College Chaplain.

The College has been closely associated with Christian principles by four strong traditions: the founders were men of Church faith; the 14 presidents have been either Episcopal clergymen or prominent Episcopal churchmen; clerical scholars serve on the teaching faculty; Sunday and daily services are conducted in the College Chapel.

The ties between the Episcopal Church and the College are close, but have always been those of tradition, not of law or government. The Chapel was consecrated by Episcopal Bishops; the Chaplains are Episcopal clergymen; and the Book of Common Prayer, on which the books of worship of most major denominations are based, is used for most of the services in the Chapel.

Services are held in the Chapel as follows:

Sunday	10:00 a.m.	Holy Communion
	5:00 p.m.	College Vespers with visiting preachers
Monday	8:00 a.m.	President Jacobs and Dean Hughes officiate
Tuesday	8:00 a.m.	Senior Lay Readers are in charge
Wednesday	7:30 a.m.	Holy Communion celebrated by the Chaplain
Thursdays and Fridays	11:30 a.m.	Chapel talks by faculty members
Saturdays	8:00 a.m.	Sophomore Lay Readers in charge
Advent and Lent	10:10 p.m.	Compline with Junior Lay Readers

Members of the faculty and the administration, as well as upperclassmen, assist the Chaplain in these services of worship.

In each term attendance at nine Sabbath Services at the College Chapel or at a church of one's choice is required of all students in accordance with the regulations prescribed by the Faculty and the Trustees.

Four groups, embracing most religious preferences, assist in making friendships, provide opportunities for student discussions, and participate in community service projects.

The Hillel Society is for members of the Jewish faith. A rabbi from one of the local synagogues works closely with the group.

The Newman Club is for members of the Roman Catholic Church. The activities of this organization are under the sponsorship of a priest from one of the local parishes.

The Christian Association is associated with the New England Student-

Christian Movement. A graduate student at the Hartford Seminary Foundation is assistant to the Chaplain for the Association's activities.

Episcopalians at Trinity are under the leadership of a vestry composed of members of the administration, faculty, and upperclassmen.

To assist the Chaplain in matters of concern to the whole campus, there is an inter-faith council called the Chapel Cabinet, composed of representatives of the religious groups.

STUDENT HEALTH

The College maintains a student health service for all full-time, regularly-enrolled students. The College Medical Director is on duty in the medical offices for tentative diagnosis between 8:30 and 10:00 a.m. and between 1:00 and 2:00 p.m. Monday through Friday, and between 8:30 and 10:00 a.m. on Saturday. At other times a medical aide is in attendance at the medical office and keeps the college physician informed of whatever has happened.

Students with colds and other minor illnesses are cared for in the college infirmary. Facilities of nearby Hartford Hospital are utilized when hospitalization is necessary. The College does not assume responsibility for illnesses or injuries of any kind to students regardless of how they are incurred. All students enrolled during the regular academic year are covered by a compulsory insurance policy which provides accident, health, and catastrophe benefits. Claims for benefits under this program must be made on standard forms obtainable either at the Medical Director's office or at the Treasurer's office. Such claims should be filed within 20 days of date of beginning of disability. The cost of this program is financed out of the General Fee. A booklet describing this insurance program is distributed to each new student upon entrance.

In an emergency, prompt notification to parents is made; but, if parents cannot be reached, the college authorities reserve the right to act as seems best for the welfare of the student concerned.

In case of illness or injury, resident students are required to report at the college medical office early in the morning or to request a visit by the college physician when they are physically unable to go to the office.

Non-resident students should report injury or illness by telephone (JA 7-1065) before 9 a.m. if they are thereby unable to attend college. Before attending classes on the day of return, a non-resident student must leave a written notice of his return at the medical office on a form supplied for this purpose. Within one week he must present a statement from his physician or parents stating the nature and duration of the illness, also on a blank provided for this purpose.

A consultant psychiatrist is available for evaluation, diagnosis, and recommendations in cases of emotional or situational problems.

PHYSICAL EDUCATION

The program in athletics and physical education is under the supervision of the Director of Physical Education, to whom all students are required to report on entering college.

Athletic activities in which the students may participate are divided into three classifications: intercollegiate athletics, intramural athletics, and physical education.

All regularly enrolled students are required to report for physical education three periods each week during their freshman and sophomore years. Details of these requirements are given in the section, *Courses of Instruction*, Physical Education.

Soon after admission, the College Medical Director makes a study of the medical record of each student as indicated by the reports submitted by the student's own doctor. Whenever it seems desirable, limited or special exercises are prescribed. The Medical Director has medical supervision of all candidates for athletic teams.

Trinity carries on a full program of intercollegiate athletics with colleges of similar size and standards. Competition is held in the following sports: football and soccer in the fall; basketball, swimming, and squash racquets in the winter; and baseball, track, golf, lacrosse, and tennis in the spring. Freshman teams are organized in all recognized sports. In addition, an informal intercollegiate schedule is arranged in crew, cross country, fencing, rifle, and sailing. The governing body for intercollegiate athletics is the Athletic Advisory Council composed of three undergraduates elected by the students, three alumni elected by the Alumni Association, and three members of the faculty.

All students become members of the Trinity College Athletic Association when they pay their regular tuition. This entitles them to admission to all home athletic contests and permits them to try out for athletic teams, if they are academically eligible. Trinity maintains a full-year freshman rule, a full-year transfer rule, and a three-year varsity rule.

The intramural program is designed to provide athletic competition for as large a group as possible. Intramural sports include touch football, basketball, swimming, wrestling, squash racquets, golf, track, table tennis, tennis, softball, and volleyball.

Courses of Instruction

COURSE NUMBERING

Courses are identified by numbers ranging from 101 to 699. Those courses numbered from 101 to 199 are primarily for freshmen, those from 201 to 299 primarily for sophomores, those from 301 to 399 primarily for juniors, and those from 401 to 499 primarily for seniors. All graduate courses are numbered from 501 to 699.

A three-digit number indicates a half-year course. An odd number represents a half-year course (three semester hours) offered in the Christmas Term (September-January), while an even number represents a half-year course offered in the Trinity Term (February-June). In case a course is offered in a term different from the one indicated by its number, the fact is noted by an additional number (1 or 2) in parentheses. Hyphenated numbers are used for courses that must be taken for the full year.

The symbols [] mean that a course is not being offered in the current year.

DEFINITIONS

A *course*, as used in degree requirements, is a *full-year course* and meets three hours a week throughout the year. A course when completed offers credit amounting to six or, in some cases, eight semester hours. A full-year course is designated by two hyphenated numbers (cf. 101-102).

A *half-year course* meets for three hours per week for only one semester (or term). A half-year course offers credit amounting to three or, in some cases, four semester hours. A half-year course is designated by a three-digit number.

A *double course* is a full-year course that is completed in one term. It counts as two half-year courses for purposes of determining fees and academic standing.

In addition to the regular courses of instruction, arrangements are made from time to time, at the convenience of the instructors, for voluntary studies in such subjects as may profitably be pursued by undergraduates. But no voluntary study may be counted toward satisfying the requirements for any degree.

The privilege to elect graduate courses is extended to juniors and seniors whose records have been outstanding. Permission to register for these courses must be obtained from the student's major adviser and from the Dean of Graduate Studies. Undergraduates who are admitted to the graduate courses will be expected to complete the same requirements that apply to graduate students. For full description of graduate courses refer to the Graduate Studies Bulletin.

AIR SCIENCE

PROFESSOR OLNEY; ASSOCIATE PROFESSORS LA MAR AND REGAN;
ASSISTANT PROFESSOR BIRNKAMMER

102. Foundations of Aerospace Power – An introductory examination of the factors of aerospace power, major ideological conflicts, military forces in being, responsibilities of citizenship, development and traditions of the military profession, role and attributes of the professional officer in American democracy, and the United States Air Force as a major factor in the security of the free world. Two classroom hours and one hour of Leadership Laboratory each week. – Major LaMar.

201. Fundamentals of Aerospace Weapon Systems – An introductory survey of aerospace missiles and craft, and their propulsion and guidance systems; target intelligence and electronic warfare; warfare – defensive, strategic and tactical operations; problems, mechanics and military implications of space operations; and a survey of contemporary military thought. Two classroom hours and one hour of Leadership Laboratory each week. Prerequisite: Air Science 102. – Major LaMar.

[301-302. Air Force Officer Development] – Staff organization and functions, and the skills required for effective staff work, including oral and written communication and problem solving; basic psychological and sociological principles of leadership and their application to leadership practice and problems; and an introduction to military justice. Four classroom hours and one hour of Leadership Laboratory per week for the full academic year. Prerequisite: Air Science 201. (To be given in 1963-64.) – Colonel Olney and Captain Birnkammer.

401-402. Global Relations – An intensive study of the instruments of national power with emphasis on geopolitics. The Air Force officer's role in international relations. Also may include weather and navigation, and briefing for commissioned service. Four classroom hours and one hour of Leadership Laboratory per week for the full academic year. Prerequisite: Air Science 201. – Colonel Olney and Captain Birnkammer.

ANTHROPOLOGY

(See Department of Psychology)

BIOLOGY

PROFESSOR BURGER; ASSOCIATE PROFESSOR VAN STONE; MR. GALBRAITH

BIOLOGY MAJOR – Pass with a grade of 70: Biology 201-202 (101-102 with a grade of 80); 301-302; 401; 402; 403; 404. One course in chemistry or mathematics or physics other than the course in mathematics and the course in natural science used to satisfy the basic degree requirements. For the major no course in Biology can be used to satisfy the basic degree requirements. It is strongly recommended that Organic Chemistry be taken.

101-102. Principles of Biology – A survey of the biological world, zoological and botanical, with emphasis on man and with an attempt to relate the biological sciences to human culture and history. Satisfies a basic degree requirement. A grade of 80 is required if used to satisfy a major requirement for Biology or Pre-medicine. Laboratory. – Mr. Galbraith.

201-202. Introduction to Biology – A foundation course for those majoring or interested in further work in biology. Areas selected from zoology and botany are covered with an attempt to go into depth in these areas rather than to cover superficially the whole range of biology. Some of the areas are: the cell, the species concept (taxonomy, biogeography,

inheritance, and evolution), reproduction and development, selected phyla of the invertebrates (structure, physiology, parasitism), and botany which is handled in the traditional survey pattern. Vertebrate anatomy and physiology are omitted. Biology Majors and Pre-medical Majors should take this course. Laboratory. - Dr. Burger.

301-302. Comparative Vertebrate Anatomy and Embryology - This course combines in one integrated course the subject matter traditionally separated into Comparative Anatomy and Embryology, together with some emphasis on functional anatomy and microscopic theory and practice. Prerequisites: Biology 201-2 with grade of 70 or 101-2 with a grade of 80. Three two-hour periods a week. - Dr. Van Stone.

401. The Cell - A study of the structure and function of the cell emphasizing biochemical and biophysical principles and the techniques and instrumentation employed to elucidate the various functions such as excitation and conduction, contraction, secretion, intermediary metabolism, photosynthesis, et al. Prerequisites: Biology 301-2 with a grade of 70 or permission. - Dr. Burger.

402. Organizational Physiology - The properties of the cell and of various cell types were explored in Biology 401. In the living organism these properties are differentiated into organs with interlocking controls which adjust the organism to

its various inner activities and to the external environment. The emphasis will be on organs, organ systems, and organisms rather than on cellular problems. Not, however, a preview of medical physiology. Prerequisite: Biology 401 with a grade of 70 or permission in special cases. - Mr. Galbraith.

403. Growth and Development - With a prerequisite of descriptive embryology (Biology 301-2 with a grade of 70), the theories of growth and development as derived from experimental embryology are explored. Lectures will be supplemented by seminar reports and discussions. - Dr. Van Stone.

404. Seminar: Problems in Biology - Topics selected to round out the major will be investigated with heavy emphasis on student participation and use of original literature. Prerequisites: Biology 401, 403 with a grade of 70. - The Staff.

405, 406. Advanced Study (Research) - The student will work on laboratory problems with the staff. Only in unusual circumstances will a library project be approved. Open to seniors who will be selected after written application. Ordinarily, the work of 405 will be spread over more than the Christmas Term. Biology 406 will be available for the few cases where it is impractical to concentrate the work in the Christmas Term. Only in unusual cases will credit be given for both 405 and 406. - The Staff.

CHEMISTRY

PROFESSORS SMITH AND SMELLIE; ASSOCIATE PROFESSOR BOBKO;
ASSISTANT PROFESSOR HEEREN; MR. SNIPES

CHEMISTRY MAJOR - Five and one-half courses in Chemistry, including Chemistry 303, Chemistry 304, Chemistry 305-306, Chemistry 407-408 and one advanced course or two half-year courses from the following: Chemistry 311, 403, 404, 405, 406, 412, 509-510. Also required are Physics 221-222; German 111-112; and Mathematics 201 and 202. A grade of 70 or better must be obtained in Chemistry 305-306 and Chemistry 407-408.

103-104. General Chemistry - A general study of the chemical properties and reactions of substances from the viewpoint of elementary principles of atomic and molecular structure. - Dr. Heeren, Dr. Bobko, and Mr. Snipes.

105-106. Theoretical Chemistry and Qualitative Analysis - A short review of the principles of inorganic chemistry followed by a study of the physical chemistry of solutions as applied to analytical chemistry. A systematic study

and separation of the common cations and anions; analyses of solid unknown mixtures. Elective for those receiving credit for chemistry on admission and who pass a placement examination held during Freshman Week. Open only to freshmen. – Dr. Smellie.

201. Qualitative Analysis – A semester course for those who have had one year of college chemistry. A systematic study and separation of the common cations and anions including physical chemistry of solutions as applied to analytical chemistry. Elective for those who have passed Course 103-104 with a grade of 70. – Dr. Smith.

209. Elementary Physical Chemistry – General survey of physical chemistry for pre-medical students. Atomic and molecular structure; properties of gases, liquids and solids; solutions, thermochemistry; equilibria; elementary electrochemistry; elementary colloid chemistry, radiochemistry. Elective for those who have passed Course 105-106 or 201 with a grade of 70. – Mr. Snipes.

303. Volumetric Quantitative Analysis – Practice in volumetric methods and calculations. Lectures and laboratory work. Elective for those who have passed Course 105-106 or 201 with a grade of 70. (Offered both terms.) – Dr. Smith.

304. Gravimetric Quantitative Analysis – Lectures and laboratory work covering gravimetric procedures. Single determinations and complete analyses of brass and limestone. Determination of copper by electrolysis. Elective for those who have passed Course 105-106 or 201 with a grade of 70. – Dr. Smith.

305-306. Elementary Organic Chemistry – A systematic study of the compounds of carbon in both the aliphatic and aromatic series, their synthesis, properties, structures and uses. Elective for those who have passed Course 303 or 304 with a grade of 70. – Dr. Bobko.

311. Selected Topics in Inorganic Chemistry – Atomic structure and isotopes; methods for determining the structure of molecules; coordination complex compounds; recent advances in chemistry of

certain metals and non-metals; reactions in liquid ammonia and liquid sulfur dioxide. Elective for those who have passed Course 303 or 304 with a grade of 70. – Dr. Smellie.

[403. Advanced Organic Chemistry] – An extension of Course 305-306 to include important synthetical methods, the use of chemical literature, application of physical methods to the study of organic compounds and the theory of chemical bonding. Lectures and coordinated laboratory work. Elective for those who have passed Course 305-306 with a grade of 70.

[404. Advanced Organic Chemistry] – An extension of Course 403 to include important synthetic methods, organo-metallic compounds, isomerism, molecular rearrangements and other similar topics. Lectures and coordinated laboratory work. Elective for those who have passed Course 403 with a grade of 70.

405. Qualitative Organic Analysis – A study of systematic methods for the qualitative identification of organic compounds, including treatment of both individual compounds and mixtures. Elective for those who have passed course 305-306 with a grade of 70 or better. Lectures and coordinated laboratory work. – Dr. Heeren.

406. Physical Organic Chemistry – Topics in the theory of organic reaction mechanisms with emphasis on the experimental development of current theories. Elective for those who have passed course 305-306 with a grade of 70 or better. Lectures and laboratory work of a research nature. – Dr. Heeren.

407-408. Physical Chemistry – A comprehensive course in physical chemistry integrated with and designed to follow Chemistry 210. Review of thermodynamics; molecular structure and physical properties; solutions; kinetic theory; chemical kinetics and catalysis; electrochemistry; elements of quantum chemistry; introduction to chemical statistics. Elective for those who have passed Course 210 with a grade of 70, Physics 221-222 and Mathematics 201, 202. – Mr. Snipes.

412. Instrumental Analysis – A laboratory course in the theory and application of instrumental methods to chemical analysis. Spectrograph; qualitative and quantitative spectroscopy; visible and ultraviolet-spectrophotometer; absorption spectra and quantitative spectrophotometry; polarograph; polarizing microscope; potentiometric and conductance titration methods; radioactive tracer methods. Elective for Senior chemistry majors with permission of instructor. – Dr. Smellie.

[509-510. **Advanced Physical Chemistry**] – Topics in chemical physics investigated from a mathematical and physical point

of view. These topics will include advanced thermodynamics, elementary applications of quantum and statistical mechanics to chemistry, and reaction kinetics. Elective for those who have passed Course 407-408 with a grade of 70, and Mathematics 201, 202 and 301.

601-602. Research – May be elected for 6 semester hours. Elective for graduate students. – Dr. Smith, Dr. Smellie, Dr. Heeren, Dr. Bobko, and Mr. Snipes.

603-604. Research – May be elected for 6 semester hours. Elective for graduate students. – Dr. Smith, Dr. Smellie, Dr. Heeren, Dr. Bobko, and Mr. Snipes.

CLASSICAL LANGUAGES

PROFESSOR NOTOPOULOS; ASSOCIATE PROFESSOR MERRIMAN;
DR. BEACH

CLASSICS MAJOR – Five courses are required for the major. Four courses in both Greek and Latin, one of which must be beyond Greek 201 or Latin 121-122; and an additional course in Greek or Latin, or two half-year courses chosen from the following: Classical Civilization 203, 401, 402; History 203, 204; Philosophy 307, 309.

Greek

101-102. Elementary Greek – A full course completed in one term, elective for all classes. This intensive course, which is designed for those who begin Greek in college, meets six times a week and completes a year of Greek in the Christmas Term. The aim of this course is to enable the student to read Greek as soon as possible. Significant selections from Greek literature are used as the basis for the learning of grammar, of vocabulary, and for the practice of composition. Six hours. – Mr. Merriman.

112. Intermediate Greek – A rapid reading of selected Attic prose. This course, which follows the intensive course in elementary Greek, meets three times a week in the Trinity Term. A fourth hour is devoted to practice in composition and sight reading. Four hours. Prerequisite: Greek 101-102. – Mr. Merriman.

201. Introduction to Greek Prose – Selections from the Greek historians, philosophers, and orators. The course meets three times a week, with a fourth hour for additional practice in reading and composition. Elective for those who have

taken Greek 112. Four hours. – Mr. Merriman.

202. Plato – This course is designed to give a portrait of the life and thought of Socrates as presented in Plato's *Apology* and in selections from the *Dialogues*. Lectures and collateral reading on Platonism and some aspects of the Platonic Tradition. Three times a week and a fourth hour for additional practice in reading and composition. Elective for those who have taken Greek 201. Four hours. – Mr. Notopoulos.

[301-302. Advanced Readings in Greek] – The material of this course is changed every year according to the desires and needs of the class. Three times a week and a fourth hour for additional practice in reading and composition. Elective for those who have taken Greek 201, 202. Eight hours.

Tutorial in Greek – Tutorial instruction is open to candidates who are capable of independent honors work. Application for such instruction must be approved by the Chairman of the Department. – Mr. Notopoulos and Mr. Merriman.

Latin

[101-102. Elementary Latin]—This course, designed for those who begin Latin in college, meets four times a week and is elective for all classes. Its aim is to enable the student to read Latin as soon as possible. Significant selections from Latin literature are used as the basis for the learning of grammar, of vocabulary, and for the practice of composition. Eight hours. — Dr. Beach.

111-112. Rapid Review of Latin Fundamentals; Readings in Latin Prose and Poetry—This course is designed to meet the need of students who wish to refresh their knowledge of Latin grammar and vocabulary and to develop a facility in reading Latin prose and poetry. After an intensive review of Latin grammar selections from Latin prose and Virgil's *Aeneid* will be read. Three times a week with a fourth hour for additional practice in oral and sight reading and composition. Elective for those who have offered two or three units of Latin at entrance; or have taken Latin 101-102; or have offered such other preparation as the instructor may approve. Eight hours. — Mr. Merriman and Mr. Notopoulos.

121-122. Introduction to Latin Literature—An introduction to the important

writers of the Republic and early Empire, with a study of their historical backgrounds, and their influence. Three times a week, and a fourth hour for additional practice in reading and composition. Elective for those who have offered three or four units of Latin or Advanced Placement Latin 4 at entrance or who have taken Latin 111-112. Eight hours. (This course may be treated as divisible only for students who are satisfying their Group Six degree requirement.) — Mr. Notopoulos and Mr. Merriman.

201-202. Advanced Readings in Latin—The material of this course is changed every year according to the desire and needs of the class. Three times a week, with a fourth hour for additional practice in reading and composition. Elective for those who have taken Latin 121-122 or have offered Advanced Placement Latin 5 at entrance. In 1962-63 the subjects are Lucretius and Livy. Eight hours. — Mr. Notopoulos and Mr. Merriman.

[Tutorial in Latin]—Tutorial instruction is open to candidates who are capable of independent honors work. Application for such instruction must be approved by the Chairman of the Department.

Classical Civilization

The following courses presuppose no knowledge of Greek and Latin:

[201, 202. Classical Humanities]—A study of Greek and Roman civilizations through readings in, and discussion of, a limited number of masterpieces in classical literature, history, philosophy, and science which have contributed most significantly to our own civilization. To be given in 1963-64.

203. Mythology—A study of classical mythology essential to the understanding

and appreciation of literature and art. Two lectures per week and one period devoted to a discussion of patterns of myth and the way they find expression in works of literature and art. — Mr. Notopoulos.

[401. Special Topics in Classical Civilization]—Heroic Poetry: The Oral Epic. To be given in 1964-65.

[402. Special Topics in Classical Civilization]

ECONOMICS

PROFESSOR TOWLE; ASSOCIATE PROFESSORS SCHEUCH,* TUCKER, AND BATTIS;
ASSISTANT PROFESSORS DUNN AND CURRAN; MR. WIGHTMAN

ECONOMICS MAJOR—Non-honors candidates: four and one-half courses in the Department beyond Economics 201-202, including Economics 301, 302, 341, and 430. All majors should plan to take Economics 301, 302, and 341 before their senior year. An average grade of at least 70 must be attained in the courses constituting the major,

* Sabbatical leave, Trinity Term 1962-63.

and a grade of 70 or better must be attained in at least three and a half of these courses.

Honors candidates: four and one-half courses in the Department beyond Economics 201-202, including Economics 301, 302, 341, and 441-442.

Students who attain a grade of 80 or higher in Economics 301, 302, and 341 may, with the permission of the Department, elect to pursue an Honors program in Economics. Candidates for Honors must enroll in Economics 441-442 in their senior year, and must attain a grade of at least 85 in this course and pass their General Examination with Distinction to win Honors.

All students who attain a grade of 70 or higher in Economics 201-202 will be admitted to an Economics major upon request; others may be admitted with the consent of the Department.

201-202. Introduction to Economics – The fundamental facts and principles of the production, exchange and distribution of wealth, and the nature and determination of the national income are followed by a more detailed examination of special subjects, such as money and banking, international trade, public finance, industrial combinations, public utilities, labor problems, and socialism. – Dr. Scheuch, Dr. Battis, Dr. Dunn, Dr. Curran, and Mr. Wightman.

203. Principles of Accounting – The study of accounting concepts and techniques involved in satisfactory administration of the economic activity of the business enterprise: the designing and set-up of books of record, accounts, adjustments, working papers; the form, preparation and interpretation of financial statements. – Mr. Tucker.

204. Accounting Theory – An intensive and critical study of the problems of valuation in connection with financial statement preparation. Certain aspects of auditing are covered together with concentration on financial statement analysis from a managerial point of view. Prerequisite: Economics 203. – Mr. Tucker.

301. Money and Banking – The nature, significance and functions of money; monetary standards; the role and operations of commercial banks; central banking and the Federal Reserve System; the Treasury and the money market; foreign exchange and international finance; monetary theory. Prerequisite: Economics 201-202. Required for all Economics majors. – Dr. Towle.

302. National Income and Business Cycles – The analysis and determination of the national income; the nature and causes of economic fluctuations; forecasting economic activity; anti-cyclical policies. Prerequisite: Economics 301, or consent of the instructor. Required for all Economics majors. – Dr. Towle.

303. Labor Economics – A study of the problems of wage earners in modern industrial societies with particular reference to the United States: analysis of the labor force; wage determination in theory and practice; impact of unions upon the economy; unemployment; role of the state in protecting workers; impact of industrialism upon other societies. Prerequisite: Economics 201-202. – Dr. Scheuch.

304 (1). Labor Relations – A survey of the union-management relations in the United States: history of the union movement; the structure and government of unions; principal issues in collective bargaining; intensive study of collective bargaining experience in selected industries; government control of labor relations. Prerequisite: Economics 201-202. – Dr. Scheuch.

306. Public Finance – A study of the growth of government expenditure and government revenues; classical and contemporary theories in public finance and their application to budget policy; the economic analysis of particular problems suggested by the rate structure, incidence, and effects of particular taxes and subsidies upon resources allocation; compensatory finance and economics of fiscal policy. Christmas Term. Prerequisite: Economics 201-202. – Dr. Dunn.

308. Government and Industry – An examination of special aspects of the role of government in a free enterprise system. The general criteria for public policy regarding resource allocation and income distribution are developed and a critical evaluation of agricultural, public utility, anti-trust, and other policies relating to industrial organization is undertaken. Prerequisite: Economics 201-202. – Dr. Battis.

309. Corporation Finance – The development of the business unit; corporate organization and control; capital budgeting; cost of capital; corporation securities; the securities markets; valuation and promotion; analysis of financial statements; expansion and reorganization. Prerequisite: Economics 201-202. – Dr. Curran.

311 (2). Statistics – Nature and importance of statistics; collection and sources of data; tabular and graphic presentation of data; ratios; introduction to index numbers; the frequency distribution; measures of central tendency; measures of variability; the normal curve of distribution; elementary sampling theory; introduction to time series analysis; simple linear correlation. – Mr. Tucker.

315. International Economics – The role, importance, and currents of international commerce; the balance of international payments; foreign exchange and international finance; international trade theory; problems of balance of payments adjustment. Prerequisite: Economics 201-202. – Dr. Towle.

316. International Economic Problems – Trade restrictions; foreign investment; international control of raw materials; problems of international monopoly; economic development and foreign aid; the course of commercial policy. Prerequisite: Economics 315, or consent of the instructor. – Dr. Towle.

323. Economic Development – An analysis of the economic background and institutions of the Middle Ages and the period of Mercantilism in Western Europe, and a comparative study of the development of Great Britain, France, and Germany in the eighteenth and nineteenth centuries. The economic develop-

ment of the United States will be studied with particular reference to the influence of European technology, policies, and organizational techniques. Prerequisite: Economics 201-202. – Dr. Battis.

324. Comparative Economic Systems – An analysis and comparison of the aims, organization, operation, and controls of capitalism, socialism, communism, and fascism. Prerequisite: Economics 201-202. – Dr. Battis.

341. Price Theory – A study of the determination of the prices of goods and productive factors in a free market economy and of the role of prices in the allocation of resources. Prerequisite: Economics 201-202. Required of all Economics majors. – Dr. Dunn.

342 (1). A History of Economic Thought – A survey of the development of economic doctrine from Aristotle to Wicksell, briefly covering the economic thought prior to the classical school and emphasizing the theoretical contributions of earlier writers to contemporary price and distribution theory. The course will close with an evaluation of trends in contemporary economic thought. Prerequisite: Economics 201-202. – Dr. Dunn.

430. Thesis – The undertaking of and written report on a research project. No class meetings, but periodic conferences with the thesis supervisor. Required of all seniors majoring in Economics who are not candidates for Honors. – The Staff.

441-442. Honors Tutorial – Preparation of a thesis on a subject approved by the Department, and independent reading in an approved area. Required of all seniors majoring in Economics who are candidates for Honors. – The Staff.

Note: The following graduate courses are open to juniors and seniors whose records have been outstanding. Prerequisite: permission of the student's major adviser and of the Dean of Graduate Studies.

585. Corporation Finance – Dr. Curran.

591. History of Economic Thought – Dr. Dunn.

592. History of Economic Thought – Dr. Dunn.

EDUCATION

PROFESSORS MACKIMMIE AND LANGHORNE; ASSOCIATE

PROFESSOR MORRIS; MR. BUCKLEY

Students who anticipate a career in secondary school teaching should confer during their freshman and sophomore years with the head of the Department concerning the various state certification requirements.

371. Introduction to the History and Philosophy of Education – A study of the basic ideas, institutions, and practices of contemporary education in the light of their historic development from the earliest times to the present, and a critical examination of their underlying assumptions and values. – Dr. Morris.

373. Educational Psychology, Psychology of Childhood and Adolescence – A study of physical, emotional, social, and intellectual growth during childhood and adolescence with particular emphasis upon developmental characteristics which are of significance to the educator. Prerequisite: Psychology 101. – Dr. Langhorne.

374. Educational Psychology, Psychology of the Teaching-Learning Process (See Psychology 202) – A study of the nature and conditions of school learning, including the development of motor skills, perception, understanding, attitudes, and ideals. Prerequisite: Psychology 101. – Dr. Langhorne.

475. Principles and Methods of Secondary Education – A study of secondary school aims, curricula, and teaching methods as they grow out of the characteristics and needs of adolescents in contemporary American society. – Mr. Mackimmie.

476. Evaluation and Guidance in the Secondary School – A study of the guid-

ance aspects of secondary school teaching, including the preparation and use of classroom tests, the administration of common standardized tests and interpretation of their results, and the application of evaluative data to problems of selection, grouping, and teacher counseling. – Mr. Mackimmie.

491-492. Student Teaching – A laboratory course of supervised observation and teaching experience in cooperation with nearby secondary schools. The student must be able to spend in the school a minimum of one-half of a secondary school day for at least eight weeks, and must ordinarily observe or teach approximately 140 school periods. Christmas or Trinity Term. Prerequisite: Two courses in Education, senior or graduate standing, and permission of instructor. – Mr. Mackimmie, Mr. Buckley, and Staff.

Note: The following graduate courses are open to juniors and seniors whose records have been outstanding. Prerequisite: permission of student's major adviser and of the Dean of Graduate Studies.

501. Philosophy of Education – Dr. Morris.

502. History of Education – Dr. Morris.

521. Secondary School Teaching – Mr. Mackimmie.

543. Principles of Guidance – Mr. Mackimmie.

(See, also, Psychology 311 and 312.)

ENGINEERING

PROFESSOR NYE; ASSOCIATE PROFESSORS KRAFT, BLAKESLEE, AND

SAPEGA; ASSISTANT PROFESSOR REINHART; MR. SMITH

ENGINEERING MAJOR – Mathematics 201, 202, 301; Physics 121-122, 221-222 (or Physics 101-102, 201-202); Chemistry 103-104; Engineering 223, 224, 323, 324 and any five of the following half-year courses: Engineering 101 (or 111), 311, 312, 331, 332, 337, 338, 441, 442. A student must earn a grade average of 70 or better in each of the departmental sequences listed above and, beginning with the Class of 1964, pass the General Examination in Engineering.

Pre-architecture – Students who plan to enter architectural school after graduation

from Trinity should consult with the chairmen of the Engineering and Fine Arts Departments as early as possible in their college careers. The recommended program of courses to be taken may be obtained from either department chairman.

101. Engineering Drawing - Fundamentals of engineering drawing so developed that the student can present and comprehend the pictorial language of engineering. Six contact hours per week. - Mr. Reinhart.

111. Engineering Graphics - Engineering drawing and graphical methods for those students who have had previous instruction or experience in mechanical drawing. Six contact hours per week. - Mr. Reinhart.

112. Descriptive Geometry - Analysis and solution of problems involving three-dimensional spatial relations on a two-dimensional surface. Development of capacity to visualize spatial orientations. Six contact hours per week. Prerequisite: Engineering 101 or 111. - Mr. Reinhart.

223. Engineering Materials - A study of the nature, properties, and applications of materials in engineering designs. Emphasis is placed on behavior at the atomic and molecular level. Three recitations and one laboratory period per week. Prerequisite: One year of college physics; chemistry taken concurrently. (If the student has not had chemistry at entrance to college, a college chemistry course is prerequisite.) - Mr. Sapega.

224. Applied Mechanics I - Statics: The principles employed in the solution of problems in engineering mechanics involving rigid bodies in which motion is not involved. Three recitations per week. Prerequisite: Mathematics 106 and Physics 122 or 102. - Mr. Kraft.

235-236. Surveying - Principles of plane surveying including the use of basic surveying methods and instruments. Field work involves the engineer's level, the transit and the plane table together with accessory equipment. Minimum enrollment of six. Six contact hours per week. - Mr. Blakeslee.

311. Industrial Management - Analysis of the organization and operation of industrial enterprises. Emphasis on financial needs and problems as well as methods

of rationalizing production, distribution and sales. Three recitations per week. Open to any junior or senior. - Mr. Kraft.

312. Linear Programming - An introduction to the theory and application of linear programming and game theory to industrial and business problems. Three recitations per week. Open to any junior or senior. - Mr. Sapega.

323. Applied Mechanics II - Dynamics: The principles employed in the solution of problems in engineering mechanics of rigid bodies involving the interrelationships between associated motions and between associated forces and motions. Three recitations per week. Prerequisite: Engineering 224. - Mr. Kraft.

324. Applied Mechanics III - Strength of Materials: Analysis and design of deformable bodies. Strain analysis and measurement. Deflection of beams and columns. Three recitations and one laboratory period per week. Prerequisite: Engineering 224. - Mr. Blakeslee.

331. Electrical Circuits I - The study of passive circuit theory in the transient and steady-states. Development of various theorems and general methods of network analysis. Study of resonant circuits. Three recitations and one laboratory period per week. Prerequisites: Physics 222 or 202, Mathematics 301 taken concurrently. - Mr. Sapega.

332. Electrical Circuits II - A continuation of Electrical Circuits I. Topics include Fourier analysis, transient analysis by Laplace Transform. An introduction to electronic circuit analysis and rotating machine analysis. Study of balanced three-phase systems. Three recitations and one laboratory period per week. Prerequisite: Engineering 331. - Mr. Sapega.

337. Thermodynamics - The natural laws governing the reciprocal conversions of heat and work in thermal cycles; the nature of common working substances, the sources of and the release of energy. Three recitations and one laboratory period per week. Prerequisite: Mathematics 202. - Mr. Nye.

338. Thermal Engineering – The rationale of thermal devices such as turbines, compressors, combustion engines, refrigeration and air-conditioning equipment. Three recitations and one laboratory period per week. Prerequisite: Engineering 337. – Mr. Nye.

341. Architectural Drawing – Technique of presentation required in architectural practice; the conventions of shades and shadows; the general theory of geometrics and its application to architectural perspective drawings. Four contact hours per week. Offered both semesters. Prerequisites: Fine Arts 202 and permission of the instructor. – Mr. Reinhart.

441. Mechanism Analysis – The kinematic study of mechanisms, motion transmission and the transmission of forces through the links of mechanisms. Three recitations and one laboratory period per week. Prerequisites: Engineering 112 and 323, Mathematics 202. – Mr. Blakeslee.

442. Fluid Mechanics – Principles of fluid statics and dynamics, including some consideration of fluid meters. The elements of turbomachinery and pipe flow, including both compressible and incompressible fluids. Laboratory exercises illustrate analytical work. Three recitations and one laboratory period per week. Prerequisites: Engineering 323 and 337, Mathematics 301. – Mr. Blakeslee.

Admission to the following courses requires fifth-year standing:

451. Engineering Analysis – Application of analytical, graphical, numerical and intuitive techniques to the solution of professional problems in engineering. Three recitations per week. – Mr. Nye.

452. Energy Transfer and Conversion – Thermodynamics of heat transfer; solid state energy conversion devices; comparison of thermal cycles. Seminar topics and study of current literature. Three recitations per week. – Mr. Nye.

461-462. Advanced Topics in Electrical Engineering – Analysis and design of two-port networks; filter design, transmission lines. Analysis of the generalized electrical machine. Introduction to servomechanisms. Selected topics in analog and digital computer design and use. Three recitations and one laboratory period per week. – Mr. Smith.

471. Mechanical Vibrations – Fundamentals of vibrating mechanical systems, both rectilinear and torsional, with laboratory models used to support analytical methods where feasible. At least one problem studied on an analog computer. Some additional work in strength of materials is included. Three recitations and one laboratory period per week. – Mr. Blakeslee.

472. Mechanical Design Synthesis – Methods of design using the student's background in physics, mathematics and engineering to design simple machine elements. Use of technical periodicals and other references is encouraged by the type of problems assigned. Six contact hours per week. – Mr. Blakeslee.

483-484. Thesis – Research work to test maturity and initiative in the solution of a problem in an area of the student's special interests. This project must be completed satisfactorily and be presented to the Department before degree will be granted. – The Staff.

ENGLISH

PROFESSORS GWYNN, MC NULTY, AND WILLIAMS; ASSOCIATE PROFESSORS CAMERON, DANDO, NICHOLS,* AND RISDON; ASSISTANT PROFESSORS BENTON, POTTER, FOULKE, AND SMITH; MR. MINOT

ENGLISH MAJOR – Ten half-year courses in the Department beyond English 101 and 102, plus one half-year course in Fine Arts or Music, chosen from the list below, with grades of 70 or higher. (English 221 does not count as a major course.) Recommended: at least one half-year course in a Classical or Modern literature other than English, and at least one half-year course in Philosophy or Religion. Honors candidates must write

* Sabbatical leave, Trinity Term 1962-63.

a satisfactory thesis, and must receive certain grades in major courses and in a General Examination.

*Required
Half-year
courses*

Subject Groups

Course Numbers

(Note: One half-year course satisfies only one subject requirement.)

2 from	Survey of British Literature	241, 242
1 from	American Literature	245, 246, 364, 375, 376, 575, 576
1 from	Genre	371, 372, 373, 374, 377, 378
1 from	Period or Movement	357, 359, 360, 361, 362, 363, 364, 375, 376 557, 558, 559, 560, 561, 562, 563, 564, 575, 576
1 from	Major Writer	358, 381, 382, 553, 554, 581, 582, or a graduate half-year course in a major writer
2 from	Seminar-Tutorial	491, 492
2 from	English Elective	201, 231, 243, 244, 301, 375, 401, 402, or other half-year courses listed above
1 from	Fine Arts or Music	Fine Arts 101, 102; Music 103

I. Composition, Speech, Dramatics, Language

No student may elect more than one course in English composition in any one term.

101. Freshman English – Practice in writing and reading, with emphasis on language and exposition, and with some attention to public speaking. Students must pass a Departmental Proficiency Test. Conferences. Required of freshmen. – Dr. Gwynn, Dr. McNulty, Dr. Williams, Dr. Cameron, Mr. Dando, Mr. Nichols, Mr. Risdon, Dr. Benton, Dr. Potter, Dr. Foulke, Mr. Minot, and Mr. Smith.

102. Freshman English – Practice in reading literature and writing literary criticism, with emphasis on the principles and concepts of literary expression, and with some attention to writing poetry and fiction. Required of freshmen. – Dr. Gwynn, Dr. McNulty, Dr. Williams, Dr. Cameron, Mr. Dando, Mr. Risdon, Dr. Benton, Dr. Potter, Dr. Foulke, Mr. Minot, and Mr. Smith.

201. Advanced Expository Writing – Advanced practice in writing factual prose. Prerequisite: English 101 and 102 with a grade of at least 75, or exemption from English 101. Not to be taken twice. – Mr. Risdon.

221. Public Speaking – Practice in preparing and delivering speeches. Prerequisite: English 101 and 102, or exemption. Not to be taken twice. – Mr. Nichols and Dr. Williams.

[231. Dramatic Technique] – A study of the theory, practice, and historical development of the productional elements of the theatre arts.

275. The English Language and Linguistics – A study of the nature of language and of linguistics, together with the development of the English language. Prerequisite: English 101 and 102, or exemption. – Dr. Williams.

301. Literary Writing – An introduction to the imaginative forms of writing; practice in the techniques and disciplines of fiction, poetry, and drama. Critiques and discussion of both student and professional work. Prerequisite: English 102 with a grade of at least 75, or exemption from English 101 and 102, or permission of the instructor. Not to be taken twice. – Mr. Minot.

[401. Advanced Literary Writing] - Practice in the imaginative forms of writing; the techniques and disciplines of fiction, poetry, and drama. Critiques and discussion of both student and professional work. Prerequisite: English 301 with a grade of at least 75, or permission of the instructor.

[402. Advanced Literary Writing] - Practice in the imaginative forms of writing; the techniques and disciplines of fiction, poetry, and drama. Critiques and discussion of both student and professional work. Prerequisite: English 301 with a grade of at least 75, or permission of the instructor.

II. Literature

241. Survey of British Literature - A study of significant British prose and poetry from medieval times to the Restoration, with attention to literary and historical backgrounds. Lectures, prescribed reading, and exercises in interpretation and criticism. Prerequisite: English 101 and 102, or exemption. - Dr. McNulty and Mr. Dando.

242. Survey of British Literature - A study of significant British prose and poetry from the Restoration to the present, with attention to literary and historical backgrounds. Lectures, prescribed reading, and exercises in interpretation and criticism. Prerequisite: English 101 and 102, or exemption. - Dr. McNulty and Mr. Dando.

243. Survey of World Literature - A study of the chief literary masterpieces of India, China, Japan, and the Near East, as well as of those of Western Europe from ancient times to the Renaissance period. Among the writers studied will be Kalidasa, Confucius, Li Po, Tu Fu, Po Chü-i, Firdausi, Basho, Lady Murasaki, Homer, Aeschylus, Sophocles, Plato, Aristotle, Sappho, Lucretius, Catullus, Ovid, Dante, Chaucer, and Villon. Attention will be paid to historical and literary backgrounds. Prerequisite: English 101 and 102, or exemption. - Dr. Benton.

244. Survey of World Literature - A study of the masterpieces of world literature, both in prose and in verse, and in the various genres, from the Renaissance to the present, particularly works by writers of France, Germany, Russia, Italy, Spain, England, and America. Authors include Boccaccio, Rabelais, Spenser, Donne, Milton, Voltaire, Pope, Rousseau, Wordsworth, Goethe, Flaubert, Stendhal, Dostoevsky, Gide, Mann, Ibsen, among others. Training in the interpretation of literature and practice in

criticism. Prerequisite: English 101 and 102, or exemption. - Mr. Risdon.

245. Survey of American Literature - A study of some of the major American writers from the seventeenth century through the first half of the nineteenth, with emphasis on the explication and evaluation of individual works and their relevance to some of the more important traditions in American literary history. Reading from Puritan history and narrative, Taylor, Franklin, Crèvecoeur, Brown, Poe, Emerson, Thoreau, Hawthorne, and Melville. Prerequisite: English 101 and 102, or exemption. - Mr. Smith.

246. Survey of American Literature - A study of some of the major American writers from the second half of the nineteenth century to the present, with an emphasis on the explication and evaluation of individual works and their relevance to some of the more important traditions in American literary history. Reading from Whitman, Dickinson, Twain, Howells, James, Crane, Frost, Eliot, Fitzgerald, Hemingway, Faulkner, and Salinger. Prerequisite: English 101 and 102, or exemption. - Mr. Smith.

[357. Seventeenth Century] - Bacon to Dryden. Studies of selections from the prose and poetry of the period. Prerequisite: two half-year courses among English 241, 242, 243, 244, 245, 246.

358. Seventeenth Century - Milton. Detailed study of *Paradise Lost*, *Paradise Regained*, and *Samson Agonistes*. Lectures on Milton's prose and minor poems. Prerequisite: the same as for English 357. - Dr. McNulty.

359. Eighteenth Century - The Age of Pope. A study of neo-classical concepts of literature and society as revealed by the major writers of the period. Prerequisite: the same as for English 357. - Dr. Williams.

[360. Eighteenth Century] – The Age of Johnson. A study of the decline of neoclassicism and of the development of romantic ideas of literature and society as exemplified in the major authors of the period. Prerequisite: the same as for English 357.

[361. Nineteenth Century] – The Romantics. The poetry of Wordsworth, Coleridge, Byron, Shelley, and Keats. Prose selections. Prerequisite: the same as for English 357.

[362. Nineteenth Century] – The Victorians. The poetry of Tennyson, Browning, Arnold, and Swinburne; the prose of Carlyle and Ruskin. Prerequisite: the same as for English 357.

363. Contemporary Literature – British poetry and prose from 1900 to the present. Prerequisite: the same as for English 357. – Dr. Foulke.

364. Contemporary Literature – American poetry and prose from 1900 to the present. Prerequisite: the same as for English 357. – Dr. Gwynn.

[371. Survey of Drama] – Forms and theories of Western dramatic literature, from the beginnings through the eighteenth century, with emphasis on the Greek and Elizabethan periods. Prerequisite: the same as for English 357.

372. Survey of Drama – Forms, theories, and significant movements in the theatre since the mid-nineteenth century, with emphasis on the work of Ibsen, Strindberg, Shaw, and O'Neill, but including other dramatists of Europe, England, and America. Prerequisite: the same as for English 357. – Dr. Potter.

[373. Survey of Fiction] – Forms and theories of the novel in the eighteenth and nineteenth centuries, with emphasis on the British novel but including some examples from France, Russia, and America. Prerequisite: the same as for English 357.

374. Survey of Fiction – Forms and theories of the novel in the late nineteenth and twentieth centuries, with emphasis on the British novel but including some examples from France, Germany, and America. Prerequisite: the same as for English 357. – Dr. Foulke.

[375. Nineteenth-Century American Literature: The Romantics] – Studies in the prose and poetry of America from the turn of the century to the Civil War. Prerequisite: the same as for English 357.

376. Nineteenth-Century American Literature: The Realists – Studies in the prose and poetry of America from the Civil War to the turn of the century. Prerequisite: the same as for English 357. – Dr. Cameron.

[377. Survey of Poetry] – A critical survey of the basic types and theories of poetry from the beginnings to the seventeenth century, with emphasis on British work. Prerequisite: the same as for English 357.

[378. Survey of Poetry] – A critical survey of the basic types and theories of poetry from the seventeenth century to the present, with emphasis on British and American work. Prerequisite: the same as for English 357.

381. Shakespeare – Nine histories, comedies, and tragedies, including *Henry IV Part I*, *A Midsummer Night's Dream*, *Macbeth*, *Othello*, and *Hamlet* studied in detail. Prerequisite: the same as for English 357. – Mr. Dando.

382. Shakespeare – Nine histories, comedies, and tragedies, including *Henry IV Part II*, *Twelfth Night*, *Antony and Cleopatra*, *Measure for Measure*, and *King Lear* studied in detail. Prerequisite: the same as for English 357. – Mr. Dando.

491. Seminar-Tutorial – Group reading and discussion of masterworks and criticism; tutorial reading and independent writing of a thesis. Required of senior English majors. – Dr. Gwynn, director; Dr. Cameron, Dr. Potter, Mr. Smith.

492. Seminar-Tutorial – Group reading and discussion of masterworks and criticism; tutorial reading and independent writing of a thesis. Required of senior English majors. – Dr. Gwynn, director; Dr. McNulty, Mr. Risdon, Mr. Smith.

Note: Graduate courses supplementing the above list are open to undergraduate students who have received grades of 80 or higher in three literature half-year courses at the 300 level.

502. Advanced Literary Writing – Prerequisite: permission of instructor. – Mr. Minot.

[553, 554. Chaucer and his Age]

557. Studies in the Renaissance: Seventeenth Century Poetry and Prose. – Mr. Risdon.

[559 or 560. Studies in Neo-Classicism]

561. Studies in Romanticism: Major British Nineteenth-Century Writers. – Dr. Benton.

[562. Studies in Victorian Literature]

564. Studies in Contemporary Literature: T. S. Eliot. – Dr. Cameron.

[571 or 572. Studies in Drama]

573. Studies in Fiction: Eighteenth and Nineteenth Centuries. – Dr. Foulke.

575. Studies in American Literature: The American Renaissance. – Dr. Cameron.

[577 or 578. Studies in Poetry]

580. Studies in Literary Criticism – Dr. Benton.

[581, 582. Shakespeare]

[591 or 592. Studies in the History of Ideas]

594. Studies in English Language and Linguistics – Dr. Williams.

FINE ARTS

PROFESSOR TAYLOR; ASSOCIATE PROFESSOR PAPPAS; MR. FERGUSON

FINE ARTS MAJOR – (A) *Art History*: four courses in the Department beyond Fine Arts 101 and 102 but including Fine Arts 201-202 or 301-302 and one course or two half-year courses in Music. (B) *Studio*: four courses in the Department, two of which shall be in studio work beyond Fine Arts 201-202 and two in art history beyond Fine Arts 101 and 102, and one course or two half-year courses in Music.

Pre-architecture – Students who plan to enter architectural school after graduation from Trinity should consult with the chairmen of the Engineering and Fine Arts Departments as early as possible in their college careers. The recommended program of courses to be taken at Trinity may be obtained from either department chairman.

101. **History and Appreciation of Art** – A survey of painting, sculpture, and architecture from the Pre-Classical periods to modern times. A basic course for the understanding and enjoyment of art, it analyzes and explains by means of lantern slides and photographs the technical and aesthetic principles of the major visual arts. Ancient and medieval art are dealt with during the first semester. – Mr. Taylor, Mr. Pappas, and Mr. Ferguson.

102. **History and Appreciation of Art** – Renaissance and modern art are dealt with during the second semester. Elective for all classes. – Mr. Taylor, Mr. Pappas, and Mr. Ferguson.

201-202. **Introduction to Drawing and Painting** – A study of the Fine Arts through practical work in various media. No previous training is necessary. Elective for those who have taken Course 101, 102 and for others with the consent of the instructor. – Mr. Ferguson.

203. **American Art** – Arts of the American, Mexican, and South American Indians and the influence on them of European forms introduced by the Spaniards. Also, the influence of this primitive art on contemporary Mexican and American art. Prerequisite: Fine Arts 101, 102. – Mr. Ferguson.

204. **American Art** – Arts of the United States from Colonial times to the present. Sculpture, painting, and minor arts, with emphasis put on those of distinctively American character as compared with the work of American artists trained in Europe or influenced by European example. Prerequisite: Fine Arts 101, 102. – Mr. Ferguson.

205-206. **Graphics** – This course includes various "black-and-white" techniques, such as pencil, conté crayon, scratch board, pen and ink, woodcut, linoleum cut, etching, engraving, and general print making. Elective for those who have taken Fine Arts 201-202. – Mr. Pappas.

207. Medieval Architecture – The objective of this course is to trace the origin and development of medieval architecture. It includes a consideration of certain aspects of Roman, early Christian, and Byzantine architecture, though most of the course is concerned with Romanesque and Gothic. Elective for those who have taken Fine Arts 101, 102 and for others with the consent of the instructor. – Mr. Taylor.

208. Renaissance Architecture – The course requires a brief review of Roman architecture as necessary background. Then its objective is to study the evolution of Renaissance architecture from the early period through the baroque and rococo periods. Elective for those who have taken Fine Arts 101, 102 and for others with the consent of the instructor. – Mr. Taylor.

[209. Italian Renaissance Painting] – A survey of Italian painting from the early Renaissance through the baroque period. The course includes studies of the representative painters, certain aspects of iconography, and the social and political conditions that affected the fine arts during the Renaissance in Italy. Elective for those who have taken 101, 102, and for others with consent of instructor. – Mr. Taylor.

[210. Renaissance Art in Northern Europe] – This course begins with the Van Eyck brothers and ends with the baroque period. It includes studies of representative Netherlands and German artists, both painters and engravers. Elective for those who have taken 101, 102, and for others

with the consent of instructor. – Mr. Taylor.

301-302. Advanced Painting and Drawing – Particular attention is given to the needs and aptitudes of the individual student. Before entering the course each student must have had some basic training in drawing and painting, or satisfy the Fine Arts Department that he has ability. Elective, therefore, for those who have taken Fine Arts 201-202 and for others with consent of instructor. – Mr. Pappas.

303-304. The Origin and Development of Modern Architecture – The course reviews the Gothic and Classical Revivals of the late 18th and early 19th centuries, the Eclectic phase of the later 19th century, and shows how, during this period, the foundations of the modern movement were laid. The work of such pioneers as Richardson and Sullivan is emphasized. After an examination of the basic reasons (practical and aesthetic) for the modern movement, the evolution of architectural design is traced from about 1900 to the present day, with emphasis on the contributions of Wright, LeCorbusier, Gropius, and other significant men. The course also includes a study of the evolution of modern architectural decoration such as sculpture, mural painting, etc. Prerequisite: Fine Arts 207, 208. – Mr. Taylor.

305-306. Modern Art – A course dealing with the history of painting from the French Revolution to modern times. Critical analysis of works of art is part of the course. Elective for those who have taken Course 101, 102. – Mr. Pappas.

GEOLOGY

PROFESSOR CHAPMAN; MR. MENTZER

The Geology curriculum is designed to acquaint students with the facts, concepts, and methods of modern Geology, thereby broadening and enriching their backgrounds.

101-102. Introduction to Geology – The fundamental facts, principles, and processes of physical geology, such as weathering, erosion, sedimentation, glaciation, diastrophism, and volcanism, are considered in the first half of this course. The student will learn to identify the common minerals and rocks, and to read and interpret topographic maps. The physical changes in the earth's crust and the evo-

lution of life during geologic time are considered in the second half. In this phase of the work the student will study geologic maps and learn to recognize key fossils from the geologic past. Lectures, laboratories, and field trips. Eight semester hours credit. Laboratory sections limited to 16 each. – Dr. Chapman and Mr. Mentzer.

205. Origin and Evolution of the Earth

— The development of the earth from the time of its origin to the present. Large-scale crustal and internal features of the earth are considered in the light of geochemical and geophysical evidence. Structural changes in the crust are discussed. Lectures. Prerequisites: Geology 101-102 and permission of instructor. — Mr. Mentzer.

206. Paleontology — A study of the record of life as revealed in the rocks of the earth. Beginning with their origin, nearly a billion years ago, the history of plants and animals is traced through geologic time to the present. The nature and significance of evolutionary changes are emphasized. Lectures. Prerequisites: Geology 101-102 and permission of instructor. — Mr. Mentzer.

209. Mineralogy — A basic course dealing with the crystal structure, morphology, physical properties, and chemical composition of minerals. The occurrences, associations, and uses of the common minerals are considered. Lectures, laboratory work, and occasional field trips. Prerequisites: Geology 101-102 and permission of instructor. — Dr. Chapman.

214. Glacial Geology — A study of the characteristics, mechanics, distribution, and causes of glaciers, and of glacial and associated fluvial, lacustrine, and aeolian land forms and deposits. The stratigraphy and chronology of glacial deposits are emphasized. Lectures and occasional field trips. Prerequisites: Geology 101-102 and permission of instructor. — Mr. Mentzer.

215. Sedimentology — A study of the physical and chemical processes involved in the formation of sedimentary rocks with emphasis on the effects of depositional environments. Laboratories are devoted to a study of the nature and interpretation of sediments and to a consideration of independent problems. Lectures and laboratories. Four semester hours credit. Prerequisites: Geology 101-102 and permission of instructor. A course in elementary college chemistry is recommended. — Mr. Mentzer.

302. Petrology — A study of the nature, occurrence, and origin of rocks. Attention is given to the recognition of rock varieties by their mineral composition, texture, and field relations. Lectures, laboratory work, and occasional field trips. Prerequisites: Geology 209 and permission of instructor. — Dr. Chapman.

401. Advanced Study in Geology — Advanced independent study and practical work in one or more branches of geology. This half-year course will be adapted to the individual needs of students. Since the subject matter will differ from that of Geology 402, both half-year courses may be taken for credit. Semester hours credit to be determined. Prerequisite: Permission of the instructor. — The Staff.

402. Advanced Study in Geology — Advanced independent study and practical work in one or more branches of geology. This half-year course will be adapted to the individual needs of students. Since the subject matter will differ from that of Geology 401, both half-year courses may be taken for credit. Semester hours credit to be determined. Prerequisite: Permission of the instructor. — The Staff.

403. Field Geology — A systematic study and interpretation of geological phenomena encountered in the field. By preparing a geologic map of a specific area and writing a report, the student learns how to apply the principles and techniques learned in the classroom and laboratory. Since the field problems will differ from those undertaken in Geology 404, both half-year courses may be taken for credit. Prerequisite: Permission of the instructor. — Dr. Chapman.

404. Field Geology — A systematic study and interpretation of geological phenomena encountered in the field. By preparing a geologic map of a specific area and writing a report, the student learns how to apply the principles and techniques learned in the classroom and laboratory. Since the field problems will differ from those undertaken in Geology 403, both half-year courses may be taken for credit. Prerequisite: Permission of the instructor. — Dr. Chapman.

GOVERNMENT

ASSOCIATE PROFESSORS FERWERDA* AND NEAVERSON; MR. GASTMANN,
MR. MEYER, AND MR. SALOMON

GOVERNMENT MAJOR – Five courses in the Department with a grade of at least 70 in each, and Economics 201-202. Majors must take Government 100, 201, 202, 307, and 401-402.

The General Examination in Government will be in two parts. The first part will test ability to integrate and coordinate knowledge of the entire field of Government. The second part will test knowledge of one special area chosen from the following: American Government; International Relations; Political Theory and Comparative Government.

Honors Candidates – Students with an average grade of 80 or higher in the Department may become candidates for honors. Honors candidates must pass their General Examination with a grade of Distinction, and must prepare a thesis in Tutorial on a subject approved by the Department.

101. Introduction to Politics – The scope and methods of political science: a systematic study of fundamental political concepts. The relationship of man to society and the state. The theory of governmental institutions. The application of the above to contemporary problems and controversies. – Dr. Neaverson and Mr. Gastmann.

201. International Politics – Basic factors in international relations: the nature of nationalism, imperialism, and colonialism; evolution of the modern national state system; contemporary sources of international tension. Special emphasis upon the operation of these factors in Asia, Africa, and Latin America. Prerequisite: Government 101 or permission of the instructor. – Mr. Gastmann.

202. American National Government – Study of the function and structure of American government and politics, with emphasis on organization and practical politics. Prerequisite: Government 101 or permission of the instructor. – Mr. Salomon.

204. Comparative Government – The government and politics of France, Germany, Israel, Italy, and the United Kingdom. Attention will focus on the problems of governmental stability, political responsibility, and the degree of adherence to constitutional democracy. Special situations in other countries may be examined where relevant. Prerequisite: Government 101. – Dr. Neaverson.

301. American Parties and Politics – Party organization and operation, election systems, pressure groups, and public opinion. – Mr. Salomon.

[302. American State and Local Government] – The structure and operation of state governments and of urban and rural local governments; a survey of state and local services and an analysis of the relationships between governmental units in the American federal system.

303. American Constitutional Law – The development of important doctrines and interpretations of constitutional law, primarily as displayed in decisions of American courts. Prerequisite: Government 202 or permission of the instructor. – Mr. Salomon.

[305. International Government] – Analysis of the beginnings of government among nations, through the evolution of international organization in the twentieth century. Special emphasis upon the United Nations system and developments in the European Community. Prerequisite: Government 201 or permission of the instructor. – Dr. Ferwerda.

[306. Problems of National Security] – Nature of the threat to security; American security objectives and the formulation of security policy; role of the armed forces in a widening concept of strategy. Prerequisite: Government 201 or permission of the instructor.

* On leave of absence 1962-63.

307. Democratic Theory and Its Critics – A study of nineteenth and twentieth century political ideas, and their relationship to communism, fascism, socialism, and democracy. Prerequisite: Government 101 or permission of the instructor. – Dr. Neaverson.

308. Totalitarian Government and Politics – The meaning and characteristics of totalitarianism. The role of ideology and social theory in the formulation of policy. Chief emphasis on the political and social institutions of post-Stalin Soviet Russia. Minor attention to Nazi Germany, Fascist Italy, and to selected aspects of other totalitarian systems. Prerequisite: Government 101 or permission of the instructor. – Dr. Neaverson.

310. Government and Politics of Asia – An examination of the political institutions and problems of the principal countries of Asia, with particular attention to contemporary domestic and foreign policies of China, Japan, India, Pakistan, and Indonesia. Prerequisite: a course in government or permission of either of the instructors. – Mr. Meyer and Mr. Gastmann.

401. Seminar in Government – Research, discussion, reports on selected topics in

government. Offered annually. Christmas Term 1962: Political Party Systems in Europe and North America. Permission of the instructor. – Dr. Neaverson.

402. Seminar in Government – Research, discussion, and reports on selected topics in government. In the Trinity Term specific topics will be related to the broad themes of political science. Offered annually. Trinity Term 1963: The Politics of Nationalism in Developing Countries with focus on the transformation of Western Political Institutions. Permission of one of the instructors. – Dr. Neaverson, Mr. Gastmann.

Tutorial in Government – Open to candidates for honors and to others by permission. Reading and research, and the preparation of a thesis under the direction of a member of the Department.

Note: The following graduate courses are open to juniors and seniors whose records have been outstanding. Prerequisite: permission of student's major adviser and of the Dean of Graduate Studies.

512. Metropolitan Government. – Mr. Reynolds.

522. International Law. – Mr. Gastmann.

HISTORY

PROFESSORS THOMPSON, COOPER, DAVIS AND VISITING PROFESSOR VINOGRADOFF;
ASSOCIATE PROFESSORS BLACK, DOWNS,* BANKWITZ, AND WEAVER;
ASSISTANT PROFESSOR KINTNER; MR. WILLEY AND MR. MEYER

HISTORY MAJOR – Four courses in the Department beyond History 101-102, including History 201-202, 203, 204, and a term seminar. The qualitative requirements of History 201-202 and History 203 and 204 may be satisfied by examination with permission of the instructor. For the Class of 1965, and for those of earlier classes who follow the new curriculum, the major shall consist of five courses beyond History 101-102, including History 201-202, 203, 204 and a full-year seminar. Majors who have an average of 80 or better in History by the end of the junior year may take two seminars in each senior term or, in place of one full-year seminar, may pursue independent studies leading to a thesis under the direction of the Department.

101-102. An Introduction to European History – A survey of Western European history from the fall of the Roman Empire to the present. Required for all students under the new curriculum. – Dr. Cooper, Mr. Vinogradoff, Dr. Downs, Dr. Bank-

witz, Dr. Weaver, Dr. Kintner, and Mr. Willey.

201-202. United States History – A political, economic, and social survey. Sophomores, juniors, and seniors. – Dr. Thompson and Dr. Black.

* Sabbatical leave, Trinity Term 1962-63.

203. Ancient History of the Near East and Greece – The origins of society in the Mediterranean world. A survey of ancient Near Eastern history and of Greece to the death of Alexander the Great. Sophomores, juniors, and seniors. – Dr. Davis.

204. Hellenistic and Roman History – A survey of the Mediterranean world during Hellenistic and Roman times to A.D. 235. Sophomores, juniors, and seniors. – Dr. Davis.

207. England to 1714 – A survey of the political, constitutional, economic, and religious evolution of England from the Roman Conquest to the death of Queen Anne. – Dr. Cooper.

208. England from the Accession of George I to the Present – The development of England, Great Britain, and the Empire since 1714. – Dr. Cooper.

301-302. History of the Middle Ages – A survey of Western Europe from the fourth to the fifteenth century including the Byzantine Empire and Islam. – Dr. Downs and Mr. Vinogradoff.

303. The Renaissance, I. Italy and France – The political, economic, and cultural movements, 1300–1500. – Dr. Kintner.

304. The Renaissance, II. Spain, Germany, Scandinavia, and Eastern Europe – As in 303, but with different geographical focus. – Dr. Kintner.

305. Germany in the Age of Reformation, 1500–1648 – A study of the economic, political, social, ecclesiastical and intellectual elements and their development under the impact of ecclesiastical revolt. – Dr. Kintner.

306. The Continental Reformation Outside Germany, 1500–1648 – Creation of the modern European state-system and the expansion of European civilization until Westphalia. – Dr. Kintner.

309. Imperial Russia – Analysis of the political, economic, social, and religious development of Russia to 1881. Prerequisite: History 101-102. – Mr. Vinogradoff.

310. The Rise of Modern Russia – The development of Russia from 1881 to the present day. Prerequisite: History 101-102. Juniors and seniors. – Dr. Bankwitz.

312. The Colonial Period of American History – The background and the political, economic, and social history of the period. Juniors and seniors. – Dr. Weaver.

[**313. The History of Latin America**] – A short survey of the Iberian cultures of the Western Hemisphere. – Dr. Black.

[**314. American Sectionalism and the Civil War**] – An examination of the political, economic, and social history of the United States from 1815 to 1865, stressing the struggle between national and sectional influences. A brief consideration of the Civil War and of the Confederate States will be included. Prerequisite: History 201-202. – Dr. Black.

315. The History of Canada – A political, economic, and social survey of Canadian development, emphasizing the growth of British North America to independent national status within the Commonwealth up to 1850. Prerequisites: History 201-202 or History 207 and 208. – Dr. Black.

316. The History of Canada – Continuation of History 315 beginning with 1850. Prerequisite: History 201-202 or History 207 and 208. – Dr. Black.

320. Modern France – The development of France from 1815 to the present day, stressing the problems of the Third and Fourth Republics. Prerequisite: History 101-102. Juniors and seniors. – Dr. Bankwitz.

321. Modern Europe, 1760–1870 – The age of despotism, revolution, and liberal reconstruction in Europe. Selected topics in the history of Europe. Prerequisite: History 101-102. – Mr. Willey.

322. Modern Europe, 1870–1945 – Continental Europe in the age of imperialism, socialism, totalitarianism, and scientific war. Prerequisite: History 101-102. – Dr. Bankwitz.

323. European International Affairs from 1815 – Vicissitudes of the European balance of power. Some attention will be paid to diplomatic method and practice. A reading knowledge of one modern language is recommended. Prerequisite: History 101-102. – Mr. Willey.

325. The Rise of the United States as a World Power – An historical survey of the international relations of the United States. Prerequisite: History 201-202. Juniors and seniors. – Dr. Thompson.

[332. Alexander the Great and the Hellenistic Era 338 B.C. to 200 B.C.] – A history of Greece and the Near East from the conquest of Greece by Macedon with especial study of the source material on Alexander the Great, and on the Hellenization of the East. Prerequisite: History 203 or permission of the instructor. – Dr. Davis.

334. The Roman Empire 44 B.C. to A.D. 180 – History of Rome from the death of Caesar through the Age of Antonines with especial emphasis on the Augustan Age, survey of the economic and social institutions of the High Empire. Prerequisite: History 204 or permission of the instructor. – Dr. Davis.

341. Far Eastern History – A short survey of the history of China, Japan, and Korea. – Mr. Meyer.

401. Seminar – Research and the use of source material both inside and outside the College is emphasized. During the course the student will develop a selected topic within a broadly defined field in American history, and will submit reports and a final paper based on his research.

Prerequisite: History majors in their senior year, permission of the instructor. – Dr. Thompson, Dr. Black, and Dr. Weaver.

402. Seminar – Same as 401. History majors in their senior year, permission of the instructor. – Dr. Thompson, Dr. Black, and Dr. Weaver.

403. Seminar – (Same as above except the field will be in European history.) – Mr. Vinogradoff, Dr. Bankwitz, and Dr. Kintner.

404. Seminar – Same as 403. – Mr. Vinogradoff, Dr. Bankwitz, and Dr. Kintner.

405-406. Thesis – Independent research under supervision leading to a thesis. Prerequisite: Qualified History majors in their senior year who are following the new curriculum, permission of the chairman. – The Staff.

Note: The following graduate courses are open to juniors and seniors whose records have been outstanding. Prerequisite: permission of the student's major adviser and of the Dean of Graduate Studies.

506. Alexander and the Hellenistic Era – Dr. Davis.

518. Expansion of Europe – Dr. Weaver.

600. Seminar: Carolingian Renaissance – Dr. Downs.

LINGUISTICS

101,101(2). Introduction to descriptive, historical, and comparative linguistics. Study of the main steps in the history of English, with special attention to foreign

influences on the language. Brief study of semantics and semantic change. – Dr. Hook.

MATHEMATICS

PROFESSORS DORWART AND KLIMCZAK; ASSOCIATE PROFESSORS HOFFMAN, STEWART, AND WHITTLESEY*; ASSISTANT PROFESSOR POLIFERNO; MRS. BUTCHER AND MR. SALSBURG

MATHEMATICS MAJOR – Five courses in Mathematics beyond the Basic Requirement in Mathematics, including Mathematics 201, 202, 303, 304, 307, and 308. A grade of at least 70 must be attained in these specified half-year courses.

103. Fundamentals of Mathematics I – A treatment of the number system. Equations and inequalities. An introduction to analytic geometry. An introduction to functions. This course does not count

toward the major in mathematics and cannot be taken for credit by any student who has passed a higher numbered course. – Dr. Hoffman, Dr. Poliferno, Mr. Stewart, and Mr. Salsburg.

* On leave of absence 1962-63.

104. Fundamentals of Mathematics II – Plane analytic geometry including conic sections. Limits of functions. Derivatives and applications. Introduction to integration. This course does not count toward the major in mathematics except that 103 and 104 together may replace 105. It cannot be taken for credit by any student who has passed a higher numbered course. – Dr. Hoffman, Dr. Poliferno, Mr. Stewart, and Mr. Salsburg.

105. Analytic Geometry and Calculus I – Rectangular coordinates in the plane. Straight lines. Equations of curves. Functions and limits. Differentiation of algebraic functions. Applications of derivatives. Mrs. Butcher, Dr. Dorwart, Dr. Klimczak, Mr. Salsburg, and Mr. Stewart.

106. Analytic Geometry and Calculus II – Differentials. Definite integrals and applications. Additional applications of derivatives. Conic sections. Prerequisite: credit for Mathematics 105 or permission of instructor. – Mrs. Butcher, Dr. Dorwart, Dr. Klimczak, Mr. Salsburg, and Mr. Stewart.

201. Analytic Geometry and Calculus III – Transcendental functions. Polar coordinates. Parametric equations. Curvature. Integration by standard forms and by other methods. Elective for those who have passed Mathematics 106 with a grade of 70 or better or on permission of instructor. Special section for students majoring in Mathematics. – Dr. Dorwart, Dr. Klimczak, and Dr. Poliferno.

202. Analytic Geometry and Calculus IV – Further applications of definite integrals. Improper integrals. Indeterminate forms. Introduction to differential equations. Solid analytic geometry. Double integrals. Prerequisite: credit for Mathematics 201 or permission of instructor. – Dr. Dorwart, Dr. Klimczak, and Dr. Poliferno.

204. Projective Geometry – The projective plane. Duality. Configurations. Theorems of Pappus and Desargues. Collineations. Polarities and conics. Pascal's Theorem. Affine geometry. Finite geometries. Elective course for sophomores who have received a grade of at least 70 in Mathe-

matics 106, or for freshmen with advanced placement in Mathematics. – Dr. Dorwart.

301. Differential Equations and Calculus – Junior course for non-majors. Partial derivatives and applications. Multiple integrals. Topics from differential equations. Topics from algebra. Elective for those who have passed 202 with a grade of 70 or better or on permission of instructor. – Dr. Klimczak.

302. Advanced Calculus – Junior course for non-majors. Infinite series, including Taylor's formula and power series solution of differential equations. Introduction to Laplace transform. Fourier series. Elementary vector analysis. Prerequisite: credit for 301. – Dr. Klimczak.

303. Advanced Calculus I – Junior course for majors and other students interested in advanced mathematics. Partial derivatives. Multiple integrals. Elementary vector analysis. Improper integrals. Elective for those who have passed 202 with a grade of 70 or better or on permission of instructor. – Dr. Hoffman.

304. Advanced Calculus II – Infinite series, including series solution of differential equations. Elementary transform theory. Fourier series. Topics from analysis. Prerequisite: credit for 303. – Dr. Hoffman.

[305. Theory of Probability] – Permutations and combinations, definitions of probability, theorems for calculation of probabilities, continuous and geometric probability, random variables, frequency and distribution functions, nature of statistical methods. Prerequisite: credit for Mathematics 202. (Offered in alternate years with Mathematics 309.)

[306. Mathematical Statistics] – Empirical and theoretical frequency distributions of one variable, moments, moment generating functions, limit theorems, sampling theory, the two-dimensional case, correlation and regression, goodness of fit, statistical inference, small sample distributions. Prerequisite: credit for Mathematics 305. (Offered in alternate years with Mathematics 310.)

307. Modern Algebra – A study of the structure of algebraic systems: groups, rings, integral domains, fields. Particular emphasis on the integers; rational, real, and complex numbers; and polynomials. Isomorphism and homomorphism. Elective for those who have passed Mathematics 202 with a grade of 70 or better or on permission of instructor. – Mr. Stewart.

308. Linear Algebra – The theory of matrices viewed against the background of modern algebra. Systems of linear equations; finite-dimensional vector spaces; basic operations for matrices; determinants; bilinear and quadratic functions and forms; linear transformations on a vector space; canonical representations of a linear transformation; unitary and Euclidean vector spaces. Prerequisite: credit for Mathematics 307 or on permission of instructor. – Mr. Stewart.

309. Theory of Finite Differences – Ordinary and divided differences, advancing and central difference formulas, direct and inverse interpolation, summation of series, approximate integration, difference equations. Prerequisite: credit for Mathematics 202 or permission of instructor. (Offered in alternate years with Mathematics 305.) – Mrs. Butcher.

310. Mathematics of Investment – Discrete and continuous rates of interest and discount, annuities certain, methods of debt repayment, bonds, introduction to the mathematics of life contingencies. Prerequisite: credit for Mathematics 202. (Offered in alternate years with Mathematics 306.) – Mrs. Butcher.

401. Theory of Complex Variables – Algebra of complex numbers, analytic functions and conformal mapping, inte-

grals of analytic functions and Cauchy's theorem, expansion of analytic functions in series, calculus of residues. Elective for those who have passed Mathematics 304 or permission of instructor. – Dr. Klimczak.

404. Modern Algebra – A formal approach to algebraic structures and their relations. Groups and subgroups, rings and ideals, fields, vector spaces, homomorphism, isomorphism. Particular attention is given to linear algebra and matrices, with applications to other parts of mathematics and to physics. Elective for those who have taken Mathematics 203 and 302 or 304 or on permission of instructor. – Mr. Stewart.

Note: The following graduate courses are open to juniors and seniors whose records have been outstanding. Prerequisite: permission of student's major adviser and of the Dean of Graduate Studies.

505. Theory of Probability – Mr. Williams.

[506. Mathematical Statistics] – Mr. Williams.

509. Numerical Analysis I – Messrs. Lawler and Schwantor.

510. Numerical Analysis II – Messrs. Lawler and Schwantor.

[514. Symbolic Logic] – Dr. Poliferno.

515 (2). Introduction to Modern Algebra – Mr. Stewart.

517 (2). Topology – Dr. Poliferno.

[521. Vector Analysis] – Dr. Klimczak.

[523. Foundations of Mathematics] – Dr. Poliferno.

MODERN LANGUAGES

PROFESSORS HUGHES AND NAYLOR, CO-CHAIRMEN; PROFESSOR ANDRIAN*; ASSOCIATE PROFESSORS CAMPO, FRESE, HANSEN, LEAVITT, AND WATERMAN; ASSISTANT PROFESSOR HOOK; MR. KERSON, MR. LANIUS, AND MR. STIRES

MODERN LANGUAGES MAJOR – Three courses beyond Course 201-202 in one of the following languages: French, German, Italian, or Spanish; and two courses in a second language, to be chosen from one of the following: French, German, Italian, Russian, or Spanish.

* Sabbatical leave, Trinity Term 1962-63.

GERMAN MAJOR – Five courses in German beyond German 101-102, including 221-222, 301-302. German 241 and 242 do not count for the major.

ROMANCE LANGUAGES MAJOR –

Plan A – Five courses in French or five courses in Spanish, including 221, 222, 401, and 402. Course 101-102 does not count for the major.

Plan B – Three courses beyond course 201-202 in French or three courses beyond 201-202 in Spanish, including 221, 222, 223, and 224; and any two courses in one other Romance Language (French, Italian, Spanish).

French

101-102. Elementary Course – Designed for the student beginning French in college. Four hours of classroom work. – Mr. Lanius and Dr. Naylor.

201-202. Intermediate Course – Elective for those who have taken one year of college French or who are credited with two units of French at entrance. Readings in modern and classical French authors; review of French grammar; oral and aural practice. – Dr. Andrian, Mr. Lanius, Dr. Leavitt, Dr. Naylor, and Dr. Waterman.

221. Advanced French Conversation and Composition – Elective for those who have completed French 201-202 with a grade of 70 or better, or who are credited with three units of French at entrance. This half-year course, conducted in French, is designed to develop facility in writing, in aural comprehension, and in conversational ability. – Mr. Lanius and Dr. Naylor.

222. Advanced French Conversation and Composition – Same prerequisites and same description as for French 221. – Mr. Lanius and Dr. Naylor.

223. Survey of French Literature from the Mediaeval Period through the Eighteenth Century – Elective for those who have taken French 201-202 in college with a grade of 70 or better, or who are credited with three units of French at entrance. The Mediaeval Period, the French Classical Period, the Age of Enlightenment. – Dr. Campo, Dr. Leavitt, and Dr. Waterman.

224. Survey of French Literature from the Revolution through 1950 – Same prerequisites as for French 223. The principal literary movements in France during the nineteenth and the twentieth centuries: Romanticism, Realism, the

Symbolists, Existentialism. – Dr. Campo, Dr. Leavitt, and Dr. Waterman.

311. Seventeenth Century Drama – Elective for those who have completed French 223 and 224 with a grade of 70 or better. Dramatic theory in the Classical Period in France; intensive study of plays by Corneille, Racine, and Molière. – Dr. Andrian.

[312. Seventeenth Century Prose] – Elective for those who have completed French 223 and 224 with a grade of 70 or better. An intensive study of such important authors as Descartes, Pascal, Mme. de Sévigné, and La Rochefoucauld. – Dr. Leavitt.

[321. Literature of the Eighteenth Century] – Elective for those who have completed French 223 and 224 with a grade of 70 or better. A consideration of the major works of the *Philosophes* with emphasis on Diderot and Voltaire. – Dr. Leavitt.

322. Literature of the Eighteenth Century – Same prerequisites as for French 321. Eighteenth Century Theatre. – Dr. Waterman.

[331. French Literature of the Nineteenth Century] – Elective for those who have completed French 223 and 224 with a grade of 70 or better. Intensive study of Romanticism in France. – Dr. Naylor.

[332. French Literature of the Nineteenth Century] – Same prerequisite as for French 331. Intensive study of Realism, Naturalism, Symbolism. – Dr. Campo.

[341. Twentieth Century French Literature] – Elective for those who have completed French 223 and 224 with a grade of 70 or better. An intensive study of the novel up to and including Proust. – Dr. Waterman.

[342. Twentieth Century French Literature] – Same prerequisites as for French 341. Modern trends in the theatre and continuation of the study of the novel through Existentialism.

401. Seminar – Prerequisite: two semester courses in French numbered 300. A course required of all French majors

under Plan A; open to others with the consent of the instructor. Jules Romains. – Dr. Waterman.

402. Seminar – Prerequisite: two semester courses in French numbered 300. A course required of all French majors under Plan A. Open to others with the consent of the instructor. Roger Martin du Gard. – Dr. Naylor.

German

101-102. Elementary German – Designed to develop facility in reading German and a basic ability to understand, speak, and write German. Emphasis on pronunciation, grammar, reading of graded texts, and oral-aural practice. Five classroom hours per week. – Dr. Hansen, Dr. Frese, and Dr. Hook.

201-202. Intermediate German – Emphasis on intensive reading of literary texts with rapid review of the essential principles of grammar. Practice in understanding, speaking, and writing German. Prerequisite: German 101-102 or the equivalent. Five classroom hours. – Dr. Hansen, Dr. Frese, and Dr. Hook.

221-222. Conversation and Composition – This course is conducted in German and gives individual attention in order to develop an active command of the language. Prerequisite: German 201-202 or the equivalent. – Dr. Hansen, Dr. Frese, and Dr. Hook.

241. German Literature in Translation – A survey of German Literature in English translation from the earliest times to the twentieth century. No knowledge of German required. This course does not count toward the language requirement or the major. Prerequisite: Permission of instructor. – Dr. Frese.

241(2). German Literature in Translation – Same as 241. Prerequisite: Permission of instructor. Offered in the Trinity Term. – Dr. Frese.

301-302. A Survey of German Literature – Reading, reports, discussion. Representative works and excerpts to impart a basic understanding of the Middle Ages, Humanism, Reformation, Baroque, Enlightenment, Pietism, Rococo, Storm and Stress, Classicism, Romanticism; Realism, Naturalism to the present day. Prerequisite: German 201-202 or equivalent. – Dr. Frese.

401, 402, 403, etc. German Independent Study – Reading, reports, discussion under the supervision of the staff. Qualified students may choose for the equivalent of a semester-course any one of the following topics: *Period studies* – Middle High German Literature; Humanism, Renaissance, and Reformation 1400-1600; Baroque Literature 1600-1700; Rationalism, Rococo, Sturm und Drang 1700-1789; Classical Period; Romanticism; Realism and Naturalism; Twentieth Century German Literature; Literature of the Middle Ages; From Luther to Klopstock; Lyric Poetry, 1750 to the present; *Genre studies* – The Hymn, The Volkslied; Development of the Drama; The Novelle and Short Story; The Bildungsroman; The Middleclass Tragedy; *Authors and works* – Lessing and the Enlightenment; Goethe and Classicism; Schiller and Idealism; Faust I and II; Heine und die Jungdeutschen; or other topics approved by the Chairman of the Department. Prerequisite: German 301-302. – Dr. Hughes and Dr. Frese.

Italian

101-102. Elementary Course – Study of the fundamentals of grammar. Designed to develop a reading facility in Italian

along with a basic facility in conversation. Emphasis will be on the spoken language of everyday use. – Dr. Campo.

201-202. Intermediate Course – Elective for those who have taken Italian 101-102 or for those who are credited with two units of Italian at entrance. Review of the essential principles of grammar; readings in modern authors, and during the Trinity Term, selections from masterpieces of Italian literature. – Christmas Term: Dr. Naylor. Trinity Term: Dr. Campo.

[223. Survey of Italian Literature] – Elective for those who have completed Italian 201-202 or who have offered three units of Italian at entrance. Dante, Petrarch, Boccaccio, Machiavelli, Ariosto, Tasso. – Dr. Campo.

[224. Survey of Italian Literature] – Same prerequisites as for Italian 223. A study of principal Italian authors from

the beginning of the seventeenth century to contemporary times. – Dr. Campo.

351. Italian Tutorial – Special topics. Prerequisite: Italian 223 and 224. – Dr. Campo.

352. Italian Tutorial – Special topics. Prerequisite: same as for Italian 351. – Dr. Campo.

361. Italian Renaissance Literature in Translation – A study of the sonnet form, *novella*, drama, romantic and heroic epics. Examination of lyrical attitudes of love poetry, Neoplatonism, the pastoral ideal, educational precepts, interrelations among the literary, figurative, and plastic arts. Authors treated are: Petrarch, Boccaccio, Ariosto, Machiavelli, Castiglione, Vasari, Cellini. Prerequisite: juniors or seniors, or permission of instructor. – Dr. Campo.

Russian

101-102. Elementary Course – A beginner's course emphasizing fundamental grammatical principles and the reading of simple prose. Three hours of classroom work supplemented by one hour of laboratory work. – Dr. Leavitt.

201-202. Intermediate Course – Elective for those who have taken Russian 101-102 or its equivalent. Readings in Turgenev, Tolstoy, Chekhov, and in modern Soviet prose; review of grammar; practice in conversation. – Dr. Leavitt.

Spanish

101-102. Elementary Course – Designed for the student beginning Spanish in college. Four hours of classroom work, emphasizing pronunciation, grammar, the reading of graded texts, and oral-aural practice. – Mr. Kerson and Mr. Stires.

201-202. Intermediate Course – Elective for those who have taken Spanish 101-102 in college or are credited with two units of Spanish at entrance. Readings in modern authors; review of grammar; oral and aural practice. – Mr. Kerson and Mr. Stires.

221. Advanced Spanish Conversation – This course is designed to develop accuracy in pronunciation and the ability to converse in idiomatic Spanish. Elective for those who have completed Spanish 201-202. – Mr. Stires.

222. Advanced Spanish Composition – This course is designed to develop facility and accuracy in writing Spanish. Same

prerequisites as for Spanish 221. – Mr. Stires.

223. Survey of Spanish Literature through the Siglo de Oro – Elective for those who have completed Spanish 201-202 in college with a grade of 70 or better, or who are credited with three units of Spanish at entrance. A study and analysis of principal works against the historical and cultural background of this period. – Mr. Stires.

224. Survey of Spanish Literature of the Nineteenth and Twentieth Centuries – Same prerequisites as for Spanish 223. A study and analysis of principal works against the historical and cultural background of this period. – Mr. Stires.

321. Spanish Tutorial. – Nineteenth Century Drama. Elective for those who have completed Spanish 223 and 224 with a grade of 75 or better. – Mr. Kerson.

322. Spanish Tutorial. – The Realist Novel. Same prerequisites as for Spanish 321. – Mr. Kerson.

[311, 312, 331, 332. Tutorials.] – Study projects on the Siglo de Oro; on the Realist and Naturalist novel; on contemporary drama and poetry; on the Generation of '98. Same prerequisites as for Spanish 321.

401. Seminar – Prerequisite: two half-

courses in Spanish numbered 300. Required of all Spanish majors; open to others with the consent of the instructor. Cervantes. – Dr. Andrian.

402. Seminar – Same prerequisites as for Spanish 401. Required of all Spanish majors; open to others with the consent of the instructor. Spanish-American Literature. – Mr. Kerson.

MUSIC

PROFESSOR WATTERS; ASSOCIATE PROFESSOR BARBER

MUSIC MAJOR – Four courses in the Department, including Harmony or Counterpoint, and one course in Fine Arts.

101. The Materials of Music – A survey course of the organization of sound into music. The study, through participation, of acoustics, harmony, composition, vocal and instrumental techniques, and analysis. – Dr. Barber.

101(2). The Materials of Music – A survey course of the organization of sound into music. The study, through participation, of acoustics, harmony, composition, vocal and instrumental techniques, and analysis. – Dr. Barber.

103-104. History and Appreciation of Music – An elementary course in the analytical and historical study of music since 1600. The development of discriminating taste in composition and in performance is the main objective of the course. (103 may be taken separately as a half-course.) – Mr. Watters.

105-106. Introduction to the Opera – A course in the appreciation of opera from its beginnings to the present. Special emphasis will be placed on the study of selected works in the current repertoire. – Dr. Barber.

107-108. Elementary Harmony – All candidates must have knowledge of the

rudiments of music, and ability in piano playing sufficient for the performance of simple four-part exercises. (Successful completion of Music 101 will be considered an acceptable substitute for the above requirement.) – Mr. Watters.

109. Johann Sebastian Bach – A study of the life and works of Bach. Phonograph records and actual performances. – Mr. Watters.

110. Modern Music – A study of modern composers from Cesar Franck to the present day. – Dr. Barber.

112. Church Music – A study of music from the 16th Century to the present day, its relation to the liturgies of the Roman, the Anglican, the Lutheran Churches, and its performance according to the practices of the composers. Liturgical Music, Music of the Choir, Organ Music. – Mr. Watters.

401. Tutorial – Advanced work in Harmony, Counterpoint or History. Consent of the Department. – The Staff.

402. Tutorial – Advanced work in Harmony, Counterpoint or History. Consent of the Department. – The Staff.

PHILOSOPHY

PROFESSOR MEANS; ASSISTANT PROFESSORS ANDERSON AND DE LONG;
DR. LEE

PHILOSOPHY MAJOR – For Class of 1963: Four and one-half courses in Philosophy with a grade of at least 70 in each, including Philosophy 205 (or 302), 307, 308, and either 401 or 402.

For Class of 1964 and succeeding classes: Five courses in Philosophy, with a grade of at least 70 in each, including Philosophy 205 (or 302), 307, 308, and either 401 or

402, and satisfactory completion of the General Examination. The course taken to fulfill the degree requirements in Philosophy does not count as a major course.

Honors will be awarded to those students who complete with distinction Philosophy 403 and/or 404, attain Distinction on the General Examination (when the General Examination is required) and receive certain grades in major courses.

201. Introduction to Philosophy – An introductory treatment of some fundamental philosophical problems in such areas as the theory of knowledge, the theory of reality, philosophy of religion, philosophy of science, and ethics. Given each term. – Dr. Anderson, Dr. DeLong, Dr. Lee, and Dr. Means.

203. Theories of Ethics – A critical examination of the major ethical systems as developed historically and including an analysis of recent ethical thought. The study of such problems as the nature of human values, good, right, obligation, happiness, justice, and duty. Given each term. – Dr. Means and Dr. Lee.

205. Logic – An introduction to deductive logic. After a survey of traditional logic, including a discussion of fallacies and the syllogism, the course concentrates on modern developments: truth functions, quantification theory, and proof theory. Attention will also be given to philosophical problems connected with these developments. – Dr. DeLong.

[301. Philosophy of Science] – A study of the philosophical problems arising from the natural and social sciences. Scientific method and its presuppositions; the notions of natural law and cause; probability; the relation of science to value theory. Prerequisites: Philosophy 201 or 205, or permission of the instructor.

302. Advanced Logic – An investigation of various methods of logic. Certain related topics in epistemology and the philosophy of mathematics will be considered. An effort will be made to relate logic, on the one hand, to pure mathematics and, on the other hand, to traditional philosophy. Prerequisites: Philosophy 205 or permission of the instructor. – Dr. DeLong.

[303. Philosophy of Religion] – A discussion of some of the philosophical problems that arise out of reflection on religion: the nature of religion and its rela-

tion to science, art, and morality; the nature of religious and theological language; the concept of God; the problem of evil; the justification of religious belief. Prerequisites: Philosophy 201 or two half-year courses in Philosophy, or permission of the instructor.

304. Philosophy of the State – An investigation of the leading political theories from Plato to the present. Special attention is devoted to the development of Western political ideals and conceptions. Designed to give the student an understanding of the assumptions and issues involved in current controversies concerning the individual and the state. – Dr. Means.

[305. Philosophy of History] – The first part of the course will be a systematic discussion of epistemological and metaphysical problems raised by philosophical reflection on historical writing, such as the nature and status of the past, the nature of historical fact, the role of interpretative hypotheses, the nature of historical explanation and the function of general laws in history, and the problem of historical determinism. The second part of the course will be a critical discussion of certain speculative philosophies of history, such as Augustine, Hegel, Marx, and Toynbee. Some attention will be paid to problems of the social sciences other than history. Prerequisites: Philosophy 201 or two half-year courses in Philosophy or permission of the instructor.

306. Philosophy of Art – The main theories concerning the nature of art and the criteria of good and bad art are the central focus for the discussion of many of the philosophical problems which arise out of reflection on art and art criticism. These problems include: form and content in literature; expression and meaning in music; the concept of representation; truth and belief in art; the relation of art to morality and religion; the function of criticism; the justification of critical judgments; the value of art. – Dr. Anderson.

307. History of Philosophy I – History of ancient and early medieval philosophy, concentrating on Plato, Aristotle, Epicureanism, Stoicism, Neoplatonism, and Augustine. Prerequisites: Philosophy 201 or two half-year courses in Philosophy or permission of the instructor. – Dr. Anderson.

308. History of Philosophy II – History of later medieval and modern philosophy, concentrating on Aquinas, Descartes, Spinoza, Leibniz, Locke, Berkeley, Hume, and Kant. Prerequisites: Philosophy 307 or permission of the instructor. – Dr. Anderson.

309. Special Studies in Philosophy – Intensive study in selected areas of philosophy: either the writings of one or more major philosophers (such as Plato, Aristotle, Hume, or Kant), or one or more major philosophical schools (such as Pragmatism, Idealism, Thomism, or Existentialism), or a fundamental philosophical problem (such as epistemology or metaphysics). Subjects to be determined each year. In 1962–63: **Nineteenth Century Philosophy** – Prerequisites: Philosophy 201 or two half-year courses in Philosophy or permission of the instructor. – Dr. Lee.

310. Special Studies in Philosophy – Same as Philosophy 309. In 1962–63: **Philosophy of Mathematics** – Prerequisites: Philosophy 205 or permission of the instructor. – Dr. DeLong.

401. Senior Seminar – Subjects to be determined each year. Prerequisites: two half-year courses in Philosophy or permission of the instructor. In 1962–63: **Joint seminar – Metaphysics.** – Dr. Means and Dr. DeLong.

402. Senior Seminar – Same as Philosophy 401. In 1962–63: **Moral Philosophy.** – Dr. Means.

403. Advanced Study – Independent, intensive study in a field of special interest requiring a wide range of reading and resulting in an extended paper to be read by two members of the Department. No class meetings, but periodic conferences with the supervisor. Elective for philosophy majors with a college average of 80 and an average of 80 in Philosophy who present in writing a project meeting with the approval of the Department. The requirements may be modified in unusual circumstances. – The Staff.

404. Advanced Study – Same as Philosophy 403. – The Staff.

Note: Graduate courses supplementing the above list are open to undergraduates with the permission of the instructor. For 1962–63 the courses offered are:

541. American Philosophy – Dr. Lee.

551. Contemporary Problems – Dr. Anderson.

552. Existentialism – Dr. Lee.

PHYSICAL EDUCATION

PROFESSORS OOSTING, JESSEE, AND KURTH; ASSOCIATE PROFESSOR DATH;

ASSISTANT PROFESSORS MC WILLIAMS, SLAUGHTER,

MC PHEE, AND SHULTS

Physical Education is a required course for all freshmen and sophomores, reporting three times per week throughout the college year. Transfers in the freshman and sophomore year will meet this two-year requirement. Transfers in the junior year will be required to take one year of physical education at Trinity. A prescribed physical education uniform is required.

The physical education program at Trinity is designed to secure and main-

tain a condition of good health and physical fitness, to develop recreational skill which can be enjoyed while in college and in leisure time after college, to establish habits of regular participation, and to develop favorable attitudes toward wholesome play.

Each school year is divided into four physical education quarters of approximately seven weeks in duration. To be eligible for graduation, a student must meet satisfactorily the requirements of the

Department in eight of the activities listed below, in which gymnastics and swimming must be included: Outdoor Activities—touch football, soccer, softball, tennis (beginners), tennis (advanced), golf (beginners), golf (advanced); Indoor Activities—volleyball, basketball (beginners), basketball (advanced), beginning swimming, swimming, Senior Life Saving, Water Safety Instructor's course, squash (beginners), squash (advanced), gymnastics, wrestling (beginners), wrestling (advanced). Members of winter intercollegiate teams (basketball, swimming, squash and fencing), during the freshman, sophomore and junior years, are excused from gymnastics and swimming, providing they can pass the minimum swimming test. Students showing Life Saving cards will be excused from all swimming requirements. Those students unable to pass the minimum swimming test (50 yards freestyle and 25 yards on the back) will be placed in a beginners' swimming class held during the first and

fourth physical education terms, until this requirement is fulfilled.

Those students unable to pass the physical fitness test will be scheduled into special classes for three physical education quarters or until minimum standards are met.

One credit for physical education attendance is given to members of varsity and freshman intercollegiate teams for each physical education term the sport is in season. Only freshman and sophomore year participation in athletics may be credited toward the physical education requirement. Any student dropping or cut from a varsity sport before his physical education requirement is completed will be immediately scheduled into a physical education class.

In each quarter only three unexcused absences will be allowed. Anyone overcutting classes will be placed on "Warning." Cause for a second successive warning, or a third warning at any time will involve, automatically, suspension from College for one semester.

PHYSICS

PROFESSOR CONSTANT; ASSOCIATE PROFESSORS KINGSBURY AND LINDSAY;
ASSISTANT PROFESSORS MILLER AND HOWARD

PHYSICS MAJOR – Four and one-half courses in Physics, including Physics 301, 302, 303, 304, and one of the following: Physics 309, 401, 402, 515, 516. The following half-year courses outside the Department must be taken: Mathematics 105, 106, 201, and 202; the student must also take either Mathematics 301 and 302 or Mathematics 303 and 304, and one full-year course in Chemistry. A grade of 70 or better must be obtained in the required Physics courses.

101-102. Elementary Physics – This course is primarily intended for B.A. and pre-med students. To count as preparation toward advanced work in Physics or Engineering a grade of 70 or better must be obtained. Three classroom periods and one laboratory period. – Dr. Kingsbury and Dr. Miller.

121-122. General Physics: Optics, Mechanics, and Heat – A more detailed and analytical study than Physics 101-102, making use of the elementary calculus. Three classroom periods and one laboratory period. Required of Engineering and Physics majors. Prerequisite: Math. 105, 106 or registration in Math. 105, 106. – Dr. Lindsay and Mr. Howard.

201-202. Advanced General Physics – This course covers the major topics of elementary physics and provides the foundations necessary for admission to the 300-level courses in Physics. It is designed for students who have satisfactorily completed Physics 101-102 and for entering students who have been granted Advanced Placement in Physics. Prerequisites: Physics 101-102, or its equivalent, with a grade of 70, or Advanced Placement in Physics; Math. 201, 202 or registration in it. To be given as a tutorial with some laboratory experiments. – Dr. Miller.

221-222. General Physics: Electromagnetism, Thermodynamics, and Modern

Physics – A continuation of Physics 121-122. Three classroom periods and one laboratory period. Prerequisites: Physics 121-122 with a grade of 70, Math. 201, 202 or registration in it, or permission of the instructor. – Dr. Constant.

301. Mechanics – Elementary vector analysis. Central field motion. Harmonic oscillations including damping, coupling and normal modes. General rigid body motion. Hamilton's principle. Wave motion in one-dimension. This course is designed to provide the broad foundation in mechanics for the more specialized advanced courses in physics. Prerequisites: Physics 121-122 or Physics 201-202; Math. 301 or 303 (or concurrent registration in Math. 301 or 303). – Dr. Lindsay.

302. Electric and Magnetic Fields – Static electricity and magnetism with vector calculus. Boundary value problems. Maxwell's equations and their applications. 3 lecture hours and one laboratory period. Prerequisites: Physics 221-222 or 201-202; Math. 301 or 303. – Dr. Kingsbury.

303. Atomic Physics. The Bohr Atom – Elementary wave mechanics. Vector model of the atom. Applications to spectroscopy, magnetism and x-rays. 3 lecture hours and one laboratory period. Prerequisites: Same as for 302, or permission of instructor. – Dr. Kingsbury.

304. Thermodynamics. – Kinetic theory and statistical mechanics. Review of 1st and 2nd laws and their applications. Quantum statistics. Prerequisites: Same as for Physics 302. – Dr. Constant.

307. Electronics – The theory of electron tubes and transistors. The applications of these devices to rectifier, amplifier, oscillator, and analog circuits. The laboratory and class are integrated. Prerequisite: Engineering 331 or permission

of the instructor. – Mr. Smith (Engineering).

[309. Advanced Laboratory Physics] – Advanced experiments, or a research project. Designed as preparation for subsequent graduate work. One consultation period and equivalent of two laboratory periods a week. Prerequisite: Physics 221-222 and special permission. – Offered on demand.

[310. Advanced Laboratory Physics] – Same as 309. Prerequisite: Physics 221-222 and special permission. – Offered on demand.

401. Theoretical Seminar – Special topics in mathematical physics. Prerequisites: Physics 301, 302 and Math. 301, 302 or 303, 304. – Dr. Miller.

402. Theoretical Seminar – Special topics in mathematical physics. Prerequisites: Physics 301, 302 and Math. 301 and 302 or Math. 303 and 304. – Dr. Miller.

[403, 404. Introduction to Quantum Mechanics] – The physical basis of quantum mechanics. The Schrödinger wave equation; energy levels; collision theory; approximation methods. Three classroom periods. Prerequisite: Physics 301.

Note: The following courses are open to undergraduates with permission of the Chairman of the Department:

501. Introduction to Theoretical physics.

502. Introduction to Theoretical Physics – Prerequisite: Physics 501.

511. Modern Physics.

512. Modern Physics – Prerequisite: Physics 511.

515 (2). Solid State Physics.

516 (1). Nuclear Physics.

PRE-MEDICAL

PRE-MEDICAL GROUP MAJOR – Biology 201-202, 301-302; Chemistry 209, 303, and 305-306; Physics 101-102 or 121-122; Mathematics 105, 106; and French 111-112 or German 111-112 or Russian 111-112 or a more advanced course in either language, taken in college. A grade of 70 or better must be obtained in the required Biology and Chemistry courses.

PSYCHOLOGY

PROFESSOR LANGHORNE; ASSOCIATE PROFESSORS LACY, MEADE, AND MORRIS;
ASSISTANT PROFESSOR HERSCHBERGER

PSYCHOLOGY MAJOR, B.A. - Four courses in Psychology, including Psychology 101, 201, 202, 301, 302, 401. One half-year course must be chosen from among Psychology 402, 403, 404. The other half-year course may be chosen from the other offerings of the Department. A grade of 70 or better must be obtained in four Psychology courses including Psychology 201, 202, 301, 302, 401 and one other 400-level half-year course. Additional requirements: Biology 101-102 or 201-202. Important electives for those majoring in Psychology are Economics 201-202; Government 101; Philosophy 201, 204; additional work in Mathematics. Psychology 101 is prerequisite to all other courses in Psychology.

101. Introduction to General Psychology - A scientific study of the behavior and experience of the normal human adult. This course is prerequisite to all other courses in Psychology. - Dr. Langhorne and Dr. Meade.

201. Advanced General Psychology I. Sensation and Perception - An intensive study of the principles and research data in these areas of psychology. - Dr. Langhorne.

202. Advanced General Psychology II. Learning and Thinking - An intensive study of the principles and research data in these areas of psychology. - Dr. Langhorne.

203. Psychology in Business and Industry - Psychological principles and research data in the selection, training, and placement of personnel; morale and working conditions. - Dr. Herschberger.

204. Social Psychology - The study of the development and measurement of social motives, attitudes, leadership, social interaction and group behavior. - Dr. Herschberger.

206. Psychology of Abnormal People - A study of the personality of both normal and abnormal people, with emphasis on their resemblances. - Dr. Herschberger.

301. Experimental Psychology I - A study of research design and methodology in major areas of psychological knowledge. Prerequisite or concurrent: Psychology 201, 202. - Dr. Meade.

302. Experimental Psychology II - A research oriented course in which the student designs his own experimental

study in an area of his special interest. An animal laboratory is provided for those with interests in comparative and physiological psychology. Prerequisite or concurrent: Psychology 201, 202, 301. - Dr. Meade.

303. Psychology of Personality - A study of the determinants and structures of personality; personality theories; research methodology in personality. - Dr. Lacy.

311. Physical Anthropology - A study of man's biological place in nature including an analysis of race. Origin, development, and distribution of man from prehistorical times to the present. Open to sophomores, juniors, and seniors. - Dr. Morris.

312. Cultural Anthropology - The anthropologist's view of the nature and origin of language; the nature, pattern, and processes of culture, including a study of the outstanding sociological systems from Hegel, Comte, Kroeber, to Sorokin. Open to sophomores, juniors, and seniors. - Dr. Morris.

401. Theoretical and Systematic Psychology - An integrative consideration of psychological problems leading to the development of theoretical perspectives. Prerequisite or concurrent: Psychology 301, 302. - Dr. Meade.

402. Honors Research Course - A project planned, developed, and written up by the student in an area of his special interest under the supervision of the staff member in this field. Registration by invitation of the departmental chairman and approval of the staff member. Credit: half-course. - The Staff.

403. Special Topic Seminars – Topics vary from year to year. For the 1962–63 Christmas Term the following two half-year courses will be offered: **403 A. Special Topics in Psychometrics** – Prerequisite: permission. – Dr. Lacy. **403 B. Special Topics in Experimental Design** – Prerequisite: permission. – Dr. Herschberger.

404. Special Topic Seminars – Topics vary from year to year. For the 1962–63 Trinity Term the following two half-year courses will be offered: **404 A. Special Topics in Motivation** – Prerequisite: permission. – Dr. Meade. **404 B. Special Topics in Physiological Psychology** – Prerequisite: permission. – Dr. Herschberger.

GENERAL READING COURSE

Reading and reports on individually chosen classics of world literatures, science, and art. An elective for juniors and seniors with a cumulative average

of 80. Cannot be counted for required work in any department. No class meetings. – Dr. Hughes and Mr. Engley.

RELIGION

PROFESSOR CHERBONNIER*; ASSOCIATE PROFESSOR MAUCH; ASSISTANT PROFESSOR JOHNSON; MR. SLEEPER; DR. BERGER, DR. MC ARTHUR, AND MR. DENBEAUX

RELIGION MAJOR – Optional for Class of 1963: Five courses in the Department, including Religion 451 or 452. With permission, an advanced course in a related field may be substituted for one course in Religion.

Beginning with the Class of 1964, and optional for earlier classes: A grade of at least 70 in five courses in the Department, including Religion 211, 212, 221, 222, 352, and either 451 or 452. Religion 101 and 102 do not satisfy this requirement. Philosophy 307 and 308, The History of Philosophy, are strongly recommended. Candidates for honors must satisfactorily complete Religion 491–492. Honors are awarded to those who attain Distinction in their courses and in the General Examination.

101. The Religious Sources of Western Culture I – The origin and development of rival religious outlooks, and their influence upon the life and thought of the West. Christmas Term: The sovereignty of God, the status of the natural world, and the nature of man. – Mr. Sleeper.

102. The Religious Sources of Western Culture II – Trinity Term: The conflict of good and evil, the role of the individual in relation to society, and the interpretation of history. – Mr. Sleeper.

211. Introduction to the Bible I – Examination of the biblical writings in the light of the time and events which produced them; an analysis of the various literary units to discern the emergence of the biblical world-view. Christmas Term: Old Testament. – Dr. Mauch and Mr. Sleeper.

212. Introduction to the Bible II – Trinity Term: New Testament. – Dr. Mauch and Mr. Sleeper.

221. The Evolution of Christian Thought I – A study of the principal architects of Christian thinking in the light of the historic controversies within the Church. Christmas Term: from the Early Church through Medieval Theology. – Dr. Johnson.

222. The Evolution of Christian Thought II – Trinity Term: from the Reformation to the present. – Dr. Johnson.

231. Problems in Christian Ethics – The development of Christian ethical strategies; their application to individual conduct and to social issues. – Dr. Johnson.

* Sabbatical leave, 1962–63.

[251. Religions of the Orient] – An introduction to Hinduism, Buddhism, Confucianism, Taoism, and Islam, and their influence on the civilizations of the East. – Dr. Cherbonnier.

311. Major Figures of Biblical Thought I – Intensive study of the principal contributors to the development of biblical thinking. Christmas Term: Concentration on two or three of the prophets and historians of Israel including Moses, the Yahwist, Elijah, Amos, Hosea, Isaiah, or Jeremiah. Prerequisite: Religion 211 or 212 or permission of the instructor. – Dr. Mauch.

312. Major Figures of Biblical Thought II – Trinity Term: Jesus, Paul, or John. Prerequisite: Religion 211 or 212 or permission of the instructor. – Mr. Denbeaux.

314. Major Motifs of Biblical Thought – The structures of Biblical thinking developed through an examination of the central themes in the Old and New Testaments. Prerequisite: Religion 211 or 212 or permission of the instructor. – Dr. Mauch.

321. Major Issues of the Reformation – The significance of the Reformation controversies, Continental and British, and their influence on subsequent Protestant and Catholic thought. – Dr. Johnson.

322. Religious Existentialism – An examination of the attempt to express religious faith in terms of Existential

philosophy; its major representatives and critics. Prerequisite: one half-year course in Religion or Philosophy or permission of the instructor. – Dr. Johnson.

352. Philosophy of Religion – A critical examination of Christian and non-Christian conclusions regarding the significance of human life, the definition of the good, and the problems of religious knowledge. Prerequisite: Two half-year courses in Philosophy or Religion. – Dr. Johnson.

451. Joint Seminar – Some contemporary philosophers and theologians. Prerequisite: permission of the instructors. – Dr. Means and Dr. De Long.

452. Seminar – Intensive study of special topics in the field of religion. In 1963: The Sociology of Religion. Prerequisite: permission of the instructor. – Dr. Berger.

491-492. Tutorial – Preparation of a thesis based upon the student's independent research in an approved subject. Open only to qualified seniors, with the formal approval of the Department. – Dr. Mauch.

Note: With the permission of the instructor, the following graduate course is open to undergraduates:

517. Contemporary Interpretation of the Bible – A study of significant issues and figures in contemporary attempts to relate the Bible to a scientific view of the world. Prerequisite: one term of biblical studies. – Dr. McArthur.

Scholarships

In general, scholarships are awarded only on evidence of financial need and to unusually deserving cases. All applications for scholarships must be made on the blank forms provided for that purpose, and, in the case of students in college, must be submitted on or before May 20. Freshman applications must be completed by February 15. Complete details concerning financial aid and the continuation of scholarship grants will be found in the section, *Financial Aid*.

CAPITAL AREA SCHOLARSHIPS

In recognition of its special relationship to the Hartford community, the College has provided scholarships for outstanding young men from Hartford and neighboring towns. Awards are based on need as measured against the college expenses of a non-resident student. Up to ten Capital Area Scholarships are awarded each year. A scholarship may be continued for four successive years if warranted.

SCHOLARSHIPS FOR RESIDENTS OF ILLINOIS

A special fund established in 1947 provides scholarships for young men who reside in the State of Illinois. They are awarded on the basis of intellectual distinction, character, leadership ability, and need. There are nearly 40 Illinois Scholars now at Trinity College. It is expected that about ten new Illinois Scholarships will be awarded annually.

UNDERGRADUATE COMPETITIVE SCHOLARSHIPS

The Holland Scholarships were established by Mrs. Frances J. Holland of Hartford, daughter of Bishop Brownell, the founder of the College, in memory of her husband, Thomas Holland. Three tuition scholarships, to be held during the following year, are awarded by the Faculty to the students attaining the highest rank in the Junior, Sophomore and Freshman classes respectively.

The Goodwin-Hoadley Scholarships were established by Daniel Goodwin and George E. Hoadley. One is awarded each year to the student of the highest scholastic rank from the public schools of Hartford who enters Trinity College and who is not receiving other scholarship aid; the nomination to these scholarships is vested in the Board of Education.

SPECIAL SCHOLARSHIPS

Alumni Area Scholarships – four local Alumni Associations are authorized by the Trustees of Trinity College to provide scholarships for students of the College with the concurrence of the Scholarship Committee of the Faculty. Application for such grants should be made to the officers of the alumni organizations concerned, and applicants should also fill out and send to those officers a college scholarship application blank. The Scholarship Committee will supply promptly on request the names and addresses of the appropriate officers in any given year. The number of grants given by each alumni organization in 1961-62 was as follows: Hartford, Conn. (12); Massachusetts (0); New York, N.Y. (3); Philadelphia, Pa. (0).

American Sealants Corporation Scholarships – given by the American Sealants Corporation of Newington, Connecticut, for scholarships for outstanding students majoring in Chemistry.

Arrow-Hart and Hegeman Electric Co. Scholarships – for sons or dependents of employees of the Arrow-Hart and Hegeman Electric Company of Hartford.

George F. Baker Scholarships – given by the George F. Baker Trust for promising students interested in business as a career. Three or four scholarships are awarded annually, each for four years.

Cesare Barbieri Scholarship – given by the Cesare Barbieri Endowment for a student from Italy at Trinity College.

American Cyanamid Scholarship – given by the American Cyanamid Corporation for an outstanding student in the upper two classes majoring in chemistry.

DuPont Scholarships – grants from the DuPont Chemistry Fund to outstanding students majoring in chemistry.

Ferguson-MacGregor Memorial Scholarships – given by the Hartford Electric Light Company in honor of the late Samuel Ferguson '96, former president of the Company and Trustee of Trinity, and the late Lt. Rodney J. MacGregor, a company employee killed during World War II. Four scholarships are maintained with one awarded each year. Preference is given to employees, sons of employees, and sons of employees who died in company service. If no applicant from the preferred groups qualifies for admission, then the award is made to a qualified resident of the area served by the Hartford Electric Light Company.

Edward M. Flannery Scholarship – a scholarship grant for a resident of Hartford County based on financial need, character, leadership and scholarship given by the Purchasing Agents Association of Hartford County.

Hallden Engineering Scholarships – given by Karl W. Hallden, '09, Trustee of the College, and the Hallden Machine Co. of Thomaston, Connecticut, for students in the Fifth Year of the Engineering program.

Kristina Hallden Scholarship – given by Karl W. Hallden in honor of his mother, Kristina Hallden, and awarded to a graduate of Thomaston High School, or a resident of Connecticut. Candidate should specify that he wants to apply for this scholarship.

Margaret Hallden Scholarship – given by Mrs. Karl W. Hallden of Thomaston, Connecticut, to be awarded to a graduate of Thomaston High School.

Hartford Engineers Club – given by the Hartford Engineers Club for a student in engineering.

Hartford Fire Insurance Company Group Scholarship – a scholarship grant for full tuition and college fees given by the Hartford Fire Insurance Company Group.

Allen Northey Jones Memorial Scholarship – given by the Executive Council of Psi Upsilon Fraternity in memory of the late Allen Northey Jones, '17, M.A. '20, LL. D. '58, of Newtown, Connecticut, Trustee of the College from 1923 to 1958.

Edward J. and Thomas B. Myers Scholarships – given by Thomas B. Myers, '08, of Racine, Wisconsin, in his name and in that of his brother, the late Edward J. Myers, '14, for graduates of Horlick High School and St. Catherine's High School of Racine.

Pi Kappa Alpha Memorial Foundation Scholarship – given by the Pi Kappa Alpha Memorial Foundation of Memphis, Tennessee, for a fraternity sophomore.

RCA Science Teaching Scholarship – given by Radio Corporation of America to a student in science or engineering who is planning on a career in the teaching of science at either the secondary school or college level.

The St. Anthony Educational Foundation Scholarship, founded in 1957, is awarded annually to a student who has a high academic standing and takes an active part in undergraduate affairs.

Bishop Samuel Seabury Scholarships for Episcopal students are maintained by annual gifts from various Episcopal parishes. The scholarships are open to members of the Protestant Episcopal Church. The Christ Church Cathedral (Hartford) Scholarship is awarded with preference to members of the Cathedral parish and of the Diocese of Connecticut. Other scholarships are or have been supported by Trinity Church,

New Haven, Christ Church, Greenwich, St. Mark's Church, New Britain, St. John's Church, Washington, Trinity Parish, Southport, Connecticut; Church of the Holy Trinity, St. James' Church, St. Michael's Church, New York City; St. Peter's Church, Beverly, St. John the Evangelist, Hingham, Emanuel Church, Braintree, Massachusetts; St. Andrews's Church, Trenton, Holy Trinity, Collingswood, New Jersey; St. Martin's Church, Providence, Rhode Island.

Stauffer Chemical Company Scholarship — given by Stauffer Chemical Company of New York, for the support of a worthy student majoring in Chemistry.

Trinity Church (New York City) Scholarships — given by Trinity Parish, New York. Nominations made by the Rector, Wardens, and Vestry of Trinity Church, New York.

James B. Webber, Jr., Memorial Scholarship — given by the Eloise and Richard Webber Foundation in memory of James B. Webber, Jr., '34, to provide scholarship grants for young men who reside in the state of Michigan.

Westinghouse Achievement Scholarship — given by the Westinghouse Educational Foundation to a member of the Junior class.

SCHOLARSHIPS FOR STUDENTS FOR THE MINISTRY

The following scholarships are awarded only to students who are preparing to enter the ministry of the Protestant Episcopal Church in the United States of America. Applicants for these scholarships will apply on the usual forms, and the same general rules will apply to them as govern the award of other scholarships.

Backus, Thomas — given by the Rev. Stephen Jewett, Hon. 1833, of New Haven, Connecticut.

Burhans, Daniel — given by the Rev. Daniel Burhans, Hon. 1831, of Newtown, Connecticut.

Ferguson, John Day and Samuel Moorewood — given by Mrs. Jennie Taylor Kingsley of New Haven, Connecticut.

Goodman, George F. — given by Richard French Goodman, 1863, of Newtown, New Jersey.

Hitchings, Horace B. — given by the Rev. Horace B. Hitchings, 1854.

Kirby, Harriette — given by Miss Harriette Kirby of Hartford.

Lake, Horatio N. — given by Horatio N. Lake of Bethlehem, Connecticut.

Toucey, Isaac — given by the Honorable Isaac Toucey, Hon. 1845, Trustee of the College from 1830 to 1869, of Hartford.

Tuttle, Isaac H. — given by the Rev. Isaac H. Tuttle, 1836, of New York City.

Waterman, Nathan M. — given by General Nathan Morgan Waterman of Hartford.

GENERAL SCHOLARSHIPS

The list of scholarships open to all students is given below:

Armstrong, Walker Breckinridge — given by Walker Breckinridge Armstrong, '33, of Darien, Connecticut.

Backus, Clinton J., Jr. and Gertrude M. — given by Mr. ('09) and Mrs. Clinton J. Backus of Midway City, California.

Beckwith, Isbon Thaddeus — given by the Rev. I. T. Beckwith, Hon. 1898, of Atlantic City, New Jersey.

Bethlehem Steel Corporation — given by Bethlehem Steel Corporation of New York City.

Bishop of Connecticut — given by the Rt. Rev. Walter H. Gray, D.D., Hon. '41, of Hartford.

Bliss, Grace Edith — given by Grace Edith Bliss of Hartford.

Bond, George Meade — bequest of Ella Kittredge Gilson of Hartford in memory of George Meade Bond, Hon. '27.

Brainerd, Lucy M. — given by Lyman B. Brainerd, '30, of Hartford, Trustee of the College. Additions have been made by members of the family.

Bronson, Susan — given by Miss Susan Bronson of Watertown, Connecticut.

Carpenter, Frederic Walton — given by members of the family of Frederic Walton Carpenter and others.

Class of 1916 Memorial — given by the Class of 1916.

Class of 1939 — estate of Howard R. Day, '39.

Codman, Archibald — given by Miss Catherine A. Codman, the Rt. Rev. Robert Codman, 1900, Edmund D. Codman of Portland, Maine. Appointments made annually by the Bishop of Maine.

Cole, Richard H. — given by Richard H. Cole of Hartford.

Collegiate — gifts for scholarship purposes where a special scholarship was not designated.

Converse, E. C. — given by Edmund C. Converse of Greenwich, Connecticut.

Curtis, Lemuel J. — given by Lemuel J. Curtis of Meriden, Connecticut.

Daniels, Charles F. — given by Mrs. Mary C. Daniels of Litchfield, Connecticut.

Davis, J. H. Kelso Memorial — to honor the memory of J. H. Kelso Davis, 1899, Hon. '23, of Hartford, Trustee of the College from 1924 to 1956.

Dillon, Edward H. and Catherine H. — given by Catherine H. Dillon of Hartford.

Douglas, George William — given by the Rev. George William Douglas, 1871, M.A. 1874, Hon. 1895, of New York City.

Easterby, Charles T. — given by Charles T. Easterby, '16, of Philadelphia, Pennsylvania.

Ellis, Leonard A. — given by Leonard A. Ellis, 1898, of San Diego, California.

Elton, James S. and John P. — given by James S. Elton and John P. Elton, 1888, Waterbury, Connecticut, Trustee of the College from 1915 to 1948.

Feingold, Gustave A. — bequest of Dr. Gustave A. Feingold, '11, of Hartford.

Ferree, S. P. and Barr — given by Mrs. Annie A. Ferree of Rosemont, Pennsylvania.

Fisher, Thomas — given by estate of Thomas Fisher.

Flagg, Edward Octavus, D.D. — given by Miss Sarah Peters Flagg of Woodcliff Lake, New Jersey.

Fuller, Frank Roswell — given by Frank Roswell Fuller of West Hartford, Connecticut.

Gary, Elbert H. — given by Elbert H. Gary, Hon. '19, of Jericho, New York.

George, James Hardin — given by Mrs. Jane Fitch George of Newtown, Connecticut.

Gilman, George Shepard — given by the family of George Shepard Gilman, 1847.

Hallden, Karl W., Engineering — given by Karl W. Hallden, '09, Sc.D. '55, of Thomaston, Connecticut, Trustee of the College.

Halsey, Jeremiah — given by Jeremiah Halsey, Hon. 1862, of Norwich, Connecticut.

Hartford Rotary—Charles J. Bennett — given by Trustees, friends, and the Hartford Rotary Club, in memory of Charles J. Bennett of Hartford.

Kneeland, George — given by Miss Adele Kneeland and Miss Alice Taintor both of Hartford.

McCook, George Sheldon, Memorial — given by the family of George Sheldon McCook, 1897.

McLean, George Payne (Hon. '29) — given by Mrs. George Payne McLean of Simsbury, Connecticut.

Mears, Caroline Sidney — given by Dr. J. Ewing Mears, 1858, of Philadelphia, Pennsylvania.

Memorial — gifts in memory of alumni and friends.

Moak—Trinity Fund — given by the Cymoak Foundation of Miami, Florida.

Morris, Robert S. — given by Robert S. Morris, '16, of West Hartford, Connecticut.

Morris, Shiras — given by Mrs. Grace Root Morris of Hartford.

Ogilby, Remsen Brinckerhoff — given by Messrs. Carlos B. Clark, Hon. '43, James B. Webber, Joseph L. Webber, Richard H. Webber, Oscar Webber, and James B. Webber, Jr., '34, of Detroit, Michigan.

Pardee, Dwight Whitefield — given by Miss Cora Upson Pardee of Hartford.

Perkins, Henry — given by Mrs. Susan S. Clark of Hartford. Nominations made by the Bishop of Connecticut.

Returned Scholarship Fund — given by Harold L. Smith, '23, of New York, George H. Cohen, '11, and Naaman Cohen, '13, of Hartford.

Ribicoff, Governor Abraham A. — given by the Suisman Foundation, Inc., of Hartford.

Ripley, Maria L. — given by Miss Maria L. Ripley of Hartford.

Stedman, General Griffin A., Jr., (1859, M.A. 1863) Memorial — given by Miss Mabel Johnson of Hartford.

Suisman Foundation, Inc. — given by the Suisman Foundation, Inc., of Hartford.

Taylor, Edwin P. III — given by members and friends of the family of Edwin P. Taylor, III, '46.

Thompson, Mathew George — given by the Rev. Mathew George Thompson, Hon. '20, of Greenwich, Connecticut.

Topham, William — given by Mrs. Margaret McComb Topham of New York City.

Turner, B. Floyd — given by B. Floyd Turner, '10, of Glastonbury, Connecticut.

Wean, Raymond J. — given by Raymond J. Wean, Hon. '54, of Warren, Ohio, Trustee of the College.

Williams, Mary Howard — given by Augusta Hart Williams of Hartford.

Wise, Isidore — given by Isidore Wise, Hon. '49, of Hartford.

Woodward, Charles G. — given by Charles G. Woodward, 1898, of Hartford, Trustee of the College from 1917 to 1950.

Young, Vertrees — given by Vertrees Young, '15, of Bogalusa, Louisiana, Trustee of the College.

STUDENT LOAN FUNDS

Alumni, Senior — established in 1938 by gifts of the Alumni Association of Trinity College.

Backus, Clinton Jirah and Carrie Haskins — established in 1950 by Clinton J. Backus, '09, of Midway City, California.

Mead, George J. — established in 1951 by bequest of George J. Mead, Hon. '37, of Bloomfield, Connecticut — Interest to be used for loans to students majoring in economics, history, or government.

"National Defense" — Under provisions of the National Defense Education Act of 1958, loans are made available for students with financial need. Special consideration is given to students of superior backgrounds who expect to teach in elementary or secondary schools, and to students displaying superior ability in science, mathematics, engineering or a modern foreign language. Amount of fund, \$30,146.67.

New England Society of New York — established in 1945 by the New England Society of New York, used for short-term small loans.

Remsen Brinckerhoff Ogilby — established in 1943 by gifts of Carlos B. Clark, Hon. '43, and James B. Webber, Jr., '34 and his family, all of Detroit, Michigan.

Trinity — established by vote of the Trustees of Trinity College in 1952 to provide loans comparable to the terms and conditions of the Mead Loan Fund for those upperclass students ineligible for Mead Loans.

Western Connecticut Trinity Alumni — established by gifts from the Western Connecticut Trinity Alumni Association in 1961.

Fellowships

For further information as to conditions of Fellowships and Scholarships, or for further particulars in regard to them, applications should be made to the Dean of the College.

The H. E. Russell Fellowships, endowed originally by a legacy from Henry E. Russell of New York, pay to the holders about \$700 each annually. They are awarded annually by vote of the Faculty to members of the graduating class who give evidence of superior ability and who engage to pursue an approved course of nonprofessional graduate study at Trinity College or at some American or foreign university approved by the Faculty. The incumbents hold the Fellowships for two years each.

The Mary A. Terry Fellowship, endowed by a legacy from Miss Mary A. Terry of Hartford, yields an annual income of about \$1,500. It is awarded annually by the President upon the recommendation of the Faculty to a member of the graduating class who gives evidence of superior ability and who engages to pursue an approved course of graduate study in the arts and sciences at Trinity College or at some other college or university approved by the Faculty. The incumbent holds the Fellowship for one year, and is known as the Mary A. Terry Fellow.

The W. H. Russell Fellowship, endowed by a gift from William H. Russell of Los Angeles, California, pays to the holder about \$600 annually. It is awarded biennially by the Trustees upon recommendation of the Faculty to a member of the graduating class who gives evidence of superior ability and of a desire to continue study after being graduated at Trinity College. The incumbent holds the Fellowship for two years.

Prizes

Alumni Prizes in English Composition of \$150, \$100, \$75, and \$50 respectively from the income of a fund contributed by the Alumni, are awarded to the students who present the best essays on subjects approved by the Department of English. Essays must be submitted to the Department on or before April 15. Essays prepared in any regular course of study may be offered in competition, provided that such compositions are recommended for this contest by the instructor in whose course they are written.

Papers which do not receive one of the above awards but which reveal literary or historical insight may be eligible for awards of \$30, \$25, and \$20 respectively from a fund donated anonymously.

Trinity Alumnus Prizes in Prose Fiction of \$30, \$20 and \$10 are annual awards established by an anonymous Trinity College alumnus. Original manuscripts of short stories or novelettes are to be submitted to the Department of English on or before April 15.

The American Society of Mechanical Engineers Prize is awarded by the Hartford Chapter of the American Society of Mechanical Engineers to the senior who makes the highest record in the Engineering Department.

The Cesare Barbieri Essay Prizes, a gift from the Cesare Barbieri Endowment, for essays in Italian studies are awarded on Honors Day. Students interested in competing for these prizes should consult the Director of the Cesare Barbieri Center of Italian Studies. Essays must be submitted before April 15.

Cesare Barbieri Prizes for Excellence in Spoken Italian, a gift from the Cesare Barbieri Endowment, are awarded to those students who show excellence in understanding the language when spoken at a normal rate of speed, and who express themselves on common subjects in such a way as to make themselves understood by a native. The competition must be completed before April 15.

The F. A. Brown Prize, founded in 1897 by Mrs. Martha W. Brown of Hartford in memory of her husband, is awarded to the member of the senior class who pronounces an English oration in the best manner. Three prizes of \$150, \$100, and \$50 are awarded in annual competition to be held before the end of April. Students should consult the instructor of Public Speaking for further details before the 15th of April.

The Delta Phi Alpha Book Prize is awarded annually to the student in an advanced German course who has the highest average for all German courses taken in college. The prize, a book by a well-known German author, is made available by Delta Phi Alpha, the National German Honorary Fraternity, through the Trinity College Chapter, Delta Upsilon. If in any academic year the local chapter does not initiate any new Delta Phi Alpha members, the book prize is not available that year.

The Ferguson Prizes in History, Economics, and Political Science, founded in 1890 by the late Professor Henry Ferguson of the Class of 1868, are offered annually for the best essays submitted to each of the three Departments of History, Economics, and Government. Two prizes are offered by each Department, a first prize of \$75 and a second prize of \$50. All essays must be typewritten. They must be submitted to the Chairman of the Department before April 7.

History — The prizes are offered to seniors and juniors for the two best essays on topics selected by the contestants with the approval of the Department.

Economics — The prizes are offered to seniors for the two best essays on topics approved by the Department.

Government — The prizes are offered to seniors for the two best essays on topics approved by the Department.

The Ronald H. Ferguson Prizes were established in 1951 in memory of Mr. Ronald H. Ferguson, Class of 1922, to be awarded annually on Honors Day by the Chairman of the Department of Romance Languages as follows: the first prize of \$300 to a senior majoring in French; the second prize of \$150 to a senior or a junior majoring in French. Students interested in the prizes should confer with the Chairman of the Department of Romance Languages.

The prizes are based upon the results of an oral examination given by members of the Department before April 15.

The Fraternity Scholarship Cup is awarded annually by the Trinity Alumni Club of Hartford to the fraternity chapter attaining the highest rank in scholarship. The name of the chapter receiving the award is engraved on the cup.

The Goodwin Greek Prizes, one of \$125 and one of \$80, founded in 1884 by the late Mrs. James Goodwin of Hartford, are offered to students in Greek who attain the highest grade of excellence in the courses taken and in a special examination. A student who has received a prize is not again eligible to compete for the same prize. The winners also are awarded an original Greek coin of The Classical Period. The examination to be held the twenty-sixth of April, 1963, is designed to test the student's general knowledge of Greek including composition and sight translation such as he may properly be expected to acquire from reading in connection with courses. No prize will be awarded unless the work offered is excellent.

The Mary Louise Guertin Actuarial Award was established in 1952 by Alfred N. Guertin, '22, in memory of his mother. The award of \$100 will be made annually to the senior selected by three Fellows of the Society of Actuaries, named by the College, as having personal qualities indicative of future executive capacity and leadership in the actuarial profession. The student must also have completed satisfactorily the first two parts of the preliminary examinations for associateship in the Society of Actuaries or their equivalent, and have acquired scholarship grades in mathematics, English, and economics.

The Richard P. Horan Memorial Trophy - presented annually by Sigma Nu Fraternity in memory of Richard P. Horan, '45, special agent of the Federal Bureau of Investigation, who was killed in line of duty April 19, 1957, to that fraternity showing the greatest interest and participation in community activities in Greater Hartford.

The Human Relations Award is awarded annually to an undergraduate who during the year has exhibited outstanding citizenship and sportsmanship. Sportsmanship is interpreted in its broadest sense and does not necessarily include achievement in athletics.

The George J. Mead Prizes are awarded under the terms of a bequest from the late Mr. George J. Mead, Hon. '37, for accomplishment in the fields of history, government, and economics. An annual prize of \$50 will be awarded on Honors Day of the following year to the freshman receiving the highest mark in History 101-102, *An Introduction to European History*.

James A. Notopoulos Latin Prizes are from a fund named after Mr. James A. Notopoulos in appreciation of his interest in promoting high ideals of learning. The fund was established by an anonymous donor who has suggested that the income from this fund be used to offer a prize primarily for freshman excellence in attainment in Latin, then to upperclassmen. The examination to be held the fifteenth of April, 1963, is designed to test the student's general knowledge of Latin including composition and sight translation such as he may properly be expected to acquire from reading in connection with courses.

The Phi Gamma Delta Prizes in Mathematics are offered to freshmen taking Mathematics 105, 106 and to freshmen or sophomores taking Mathematics 201, 202.

In each case, the first prize is \$50, the second prize is \$30, and the third prize is \$20. These prizes are from the income of a fund established in 1923, and increased in 1931 by the Alumni authorities of the local chapter of the Fraternity of Phi Gamma Delta.

The Pi Gamma Mu Scholarship Award, authorized by the National Board of Trustees of the Society, is given by the Connecticut Alpha Chapter in the interests of the promotion of scholarship in the social sciences on the Trinity campus. The award is made to one of the top five ranking Seniors who have pursued a major in one of the social sciences; additional considerations are that he be outstanding in scholarship and ability and that he shall have pursued a program of studies indicating breadth in the work of the social sciences.

The Donn F. Porter Award was founded in 1954 by the Class of 1953 in memory of Donn F. Porter, who was posthumously awarded the Congressional Medal of Honor for valor in action before his death on Heartbreak Ridge, Korea, in 1952. The award is presented annually to a member of the freshman class for outstanding character and leadership.

The Melvin W. Title Latin Prizes, founded in 1958 by Mr. Melvin W. Title of the Class of 1918, are offered to students in Latin who attain the highest grade of excellence in the courses taken and in a special examination. A student who has received a prize is not again eligible to compete for the same prize. The examination to be held the fifteenth of April, 1963, is designed to test the student's general knowledge of Latin, including composition and sight translation such as he may properly be expected to acquire from reading in connection with courses. No prize will be awarded unless the work offered is excellent.

The Trinity College Library Associates Student Book Collector's Prizes are awarded annually to three students who make collections of books in a specific field, or pertaining to some particular interest in one of these fields, or an intelligently selected nucleus of a general library for the future. Emphasis is placed on the student's knowledge of the contents of the collection and its usefulness. The total number of books or their money value is not a determining factor. The prizes are the gift of Dr. Jerome P. Webster, '10, a Life Trustee of the College and a former Chairman of the Library Associates.

The Miles A. Tuttle Prize of \$80 was founded in 1859 by the late Miles A. Tuttle, Esq., of Hartford. It is awarded to the member of the senior class who writes the best essay on a topic selected by the contestant with the approval of the Department of History. The essays must be submitted to the Chairman of the Department of History on or before April 15. No award will be made except for excellent work.

The Ruel Crompton Tuttle Prizes were established in 1941 by the bequest of Ruel Compton Tuttle of Windsor, Connecticut, Class of 1889, to be awarded annually by the Chairman of the English Department to the two students who are deemed by him respectively the best and second-best scholars in the English Department from the junior class; the first prize will be \$600 and the second prize \$300. The terms of award rest solely on the judgment and discretion of the Chairman of the English Department. Students interested in the prizes should confer with the Chairman of the English Department by April 1.

John Curtis Underwood, '96, Memorial Prizes in Poetry of \$30, \$20, and \$10 are annual awards established by an anonymous Trinity College alumnus. Original manuscripts should be submitted to the Department of English on or before April 15.

The Wall Street Journal Student Achievement Award is awarded each year to a senior who is judged by the Department of Economics to have done the most outstanding work in the field of economics of any member of his class during his college career. The award consists of an individually engraved medal and a year's free subscription to the Wall Street Journal.

The Frank W. Whitlock Prizes of approximately \$60 and \$40 were founded by a legacy of Mrs. Lucy C. Whitlock, of Great Barrington, Massachusetts, and by her direction bear the name of her son who was a graduate in the Class of 1870. Students selected by a preliminary trial deliver their speeches in public in competition for the Whitlock Prizes before the end of April. Students should consult the instructor of Public Speaking for further details before the 15th of April. In determining the award, regard will be had both to composition and delivery.

Athletic Prizes

The Newton C. Brainard Squash Racquets Award is made annually to the winner of the college squash racquet championship tournament. The winner's name is inscribed on a bronze plaque on the wall of the squash racquet section of the Trowbridge Memorial Building.

The John Francis Boyer Most Valuable Player Award, established by St. Anthony Hall in 1957, is presented to the player who has been of "Most Value to the Lacrosse Team." A major trophy is kept in the college trophy room and a replica is presented each year to the winner.

The Horace G. Cleveland, III, Tennis Medal was given by Sergeant and Mrs. William A. Merchant in memory of Horace G. Cleveland, III, Class of '42, 1st Lt. U. S. M. C. R., who was killed in action in the South Pacific. A medal is awarded each year to the tennis player who best combines the qualities of sportsmanship and leadership with tennis excellence.

The Coach's Foul Shooting Trophy is awarded annually by the varsity basketball coach to the member of the team who has made the highest foul shooting average in varsity contests.

The Edgar H. and Philip D. Craig Tennis Award, established in 1956, is awarded annually to a member of the varsity tennis squad who has shown the greatest improvement as a player over the previous year, and who has demonstrated qualities of team spirit and sportsmanship.

The Peter S. Fish Soccer Trophy is presented annually to the senior on the soccer team who best fulfills the following qualifications: (1) makes the greatest contributions to the team's success and (2) demonstrates gentlemanly conduct, good sportsmanship, and inspirational leadership. The trophy is kept in the college trophy case.

The Dan Jessee Blocking Award is given annually by Donald J. Vierung, '42, to that member of the varsity football team who has given the best blocking performance throughout the season.

George Sheldon McCook Trophy, the gift of Professor and Mrs. John James McCook in 1902, is awarded annually by the Athletic Association of the College, through the Committee of the Faculty on Athletics and the captains and managers of the team, to a student in the senior class, who must be in good scholastic standing, on the basis of distinction in athletics. In determining the award, diligence and conscientiousness in the observance of all rules of drill, training, and discipline are taken into account, as well as manliness, courtesy, self-control, uprightness, and honor at all times, especially in athletic sports and contests. The name of the student receiving the award is attached to the trophy on a silver bar bearing his name and class date. He receives as his permanent property a bronze medal. This trophy is the athletic distinction most coveted in the College.

The John A. Mason Award, established in 1953, is presented to that member of the varsity squash racquet squad showing the greatest improvement during the year.

The Mears Prize of \$50 was established under the will of Dr. J. Ewing Mears of the Class of 1858. It is awarded by the Faculty on the recommendation of the Chairman of the Department of Physical Education. The prize is awarded to a member of the junior or senior class who writes the best essay on "Physical Fitness—A National Challenge." No student is eligible to compete for this prize who has not completed satisfactorily the requirements of the College in Physical Education. No prize is awarded unless two or more students are competing. The essays must be submitted on or before May 1st each year.

The Robert S. Morris Track Trophy, established in 1953, is awarded annually for the most valuable member of the varsity track team. The qualifications for this award are outstanding performance, attitude, and sportsmanship. The trophy will be kept in the college trophy case and a replica will be given each year to the winner.

The "1935" Award is presented annually by the Class of 1935 to the player who has been of "most value" to the football team. The qualifications for this award are leadership, sportsmanship, team spirit, loyalty, and love of the game. A major trophy is kept in the college trophy case, and a replica is given to the recipient on Class Day.

The Pappas Golf Award is presented annually to the most valuable player on the varsity golf team.

The Harold R. Shetter Soccer Trophy, established in 1950 in memory of Harold R. Shetter, coach of soccer 1948-50, is awarded annually to the member of the varsity soccer squad who has shown the greatest improvement as a player over the previous year and who has also demonstrated qualities of team spirit and sportsmanship.

The Robert Slaughter Swimming Award is made annually to the "most improved" member of the varsity swimming team. This award, honoring their coach, was presented by the members of the swimming team of 1962.

The John E. Slowik Swimming Award is made annually in memory of John E. Slowik, Class of 1939, Captain in the U.S. Army Air Corps who was killed in action over Germany. The award is to be made to the most valuable member of the varsity swimming team considering ability, conscientiousness in the observance of all rules of practice and training, and qualities of leadership. The first award was made in 1950.

The John Sweet Batting Award is given annually to the member of the varsity baseball team having the highest batting average for the season.

The Arthur P. R. Wadlund Basketball Award, awarded annually to the most valuable player on the varsity team, was donated by V. Paul Trigg, Class of 1936, in memory of Professor Arthur P. R. Wadlund, Jarvis Professor of Physics. A major trophy is kept in the college trophy room and a replica is presented each year to the winner.

The Lewis M. Walker Cup is awarded annually in memory of Lewis M. Walker, a keen follower of sports, who sent two sons to Trinity College. A large trophy is awarded the winning fraternity of the annual intramural golf tournament. A smaller trophy is awarded by the Physical Education Department to the player with the lowest medal score in the tournament.

The Dan Webster Baseball Award is awarded annually to the player who has been of "most value" to the baseball team. The major trophy is kept in the college trophy case and a replica is presented to the award winner.

The Wyckoff Golf Award is presented annually to the winner of the varsity golf team tournament.

Awards for 1961-62

Valedictorian: DAVID FORREST GATES

Salutatorian: DAVID EDWARDS WILSON

THE H. E. RUSSELL FELLOW: David E. Wilson, '62

THE MARY A. TERRY FELLOW: David F. Gates, '62

THE W. H. RUSSELL FELLOW: Mark Shapiro, '62

COMPETITIVE SCHOLARS

HOLLAND SCHOLARS: Paul J. LaRocca, '62, Walter E. Koch, '63, Stanley J. Marcuss, Jr., '63, Edward J. Mosher, '64

GOODWIN-HOADLEY SCHOLAR: John R. Hebel, '63

SPECIAL SCHOLARSHIPS

AMERICAN SEALANTS SCHOLAR: Harrison C. Stetler, '62

ARROW-HART AND HEGEMAN SCHOLAR: Edward T. Flynn, '63

GEORGE F. BAKER SCHOLARS: David C. Brewster, '63, Robert E. Bylin, '63, Robert V. Davison, '65, Richard A. DeMone, '64, Douglas L. Drynan, '64, R. Scott Gregory, '64, J. Marc Kadyk, '65, Victor F. Keen, '63, Thomas J. Kelly, '62, John W. Losse, '65, Peter D. Orr, '64, James M. Roosevelt, '65, John C. Rowlette, '64, Richard J. Siegel, '64, John S. Waggett, '63, James N. Williams, '65

CAPITAL AREA SCHOLARS: George W. Bois, '64, Michael F. Boyle, '64, Michael J. Daly, '64, Bertram E. Feingold, '64, Wesley V. Feshler, '63, Frank P. Friedman, '63, Richard G. Gann, '65, Donald A. Garafolo, '65, Paul T. Hannigan, '63, Edward J. Lazzarini, '65, John W. Lemega, '65, William J. Linn, '64, Thomas C. Marshall, '63, Christopher J. McNeill, '64, Sebastian Mozzicato, '65, Vincent W. Osowecki, '65, Stephen Repetto, '63, Donato A. Strammiello, '64, Wilson H. Taylor, '64, Ihor Zachariasewycz, '63

DUPONT SCHOLARS: Donald J. Cimilluca, '64, Richard F. Gold, '63, Philip K. Hopke, '65, Michael A. Pleva, '63

FERGUSON-MACGREGOR SCHOLARS: Robert C. McNally, '62, Daniel L. Ostapko, '63, Kurt W. Selchow, '65

FLANNERY SCHOLARS: Bohdan Balko, '62, Gerry M. Baran, '64

HALLDEN ENGINEERING SCHOLARS: Donald P. Anderson, '61, Christopher A. Hodges, '61, Frank P. Urban, '61

KRISTINA HALLDEN SCHOLAR: James D. Casson, '64

MARGARET HALLDEN SCHOLARS: Edward L. W. Ehart, '64, James D. Whitehill, '63

HARTFORD ENGINEERING CLUB SCHOLAR: William S. Leahy, '62

HARTFORD FIRE INSURANCE COMPANY SCHOLARS: Kirk T. Foley, '64, Stephen L. Perreault, '64, Rex W. Orbell, '65

ILLINOIS SCHOLARS: Robert H. Arensman, '65, R. William Bangert, '65, Marshall E. Blume, '63, Peter H. Bohn, '65, Ronald E. Brackett, '64, James P. Fox, '62, Bruce W. Frier, '64, David H. Galaty, '64, Jerry B. Gough, '62, Henry W. Haslach, '64, Michael E. Hill, '63, Charles L. Hoffman, '62, Henry D. Kisor, '62, Diethard Kolewe, '65,

William S. Leahy, '62, Charles B. Lorch, '65, Joseph R. McDaniel, '65, Thomas B. McKune, '64, Malcolm M. McGawn, '63, Robert C. Miller, '64, Harry D. Pratt, '64, Dennis B. Rodgers, '62, Michael N. Tousey, '64, Alan B. Wallace, '64, George F. Will, '62

MYERS SCHOLAR: Thomas S. Johnson, '62

NEW YORK ALUMNI SCHOLAR: Louis A. Huskins, '65

PI KAPPA ALPHA MEMORIAL FOUNDATION SCHOLAR: W. Gary Knisely, '63

RCA TEACHER SCIENCE SCHOLAR: Raymond A. Drate, '63

ST. ANTHONY EDUCATIONAL FOUNDATION SCHOLAR: Nicholson B. White, '63

SEABURY SCHOLAR: Robert H. Parlee, '63

STAUFFER CHEMICAL COMPANY SCHOLAR: Thomas G. McCord, '63

TRINITY CHURCH (NEW YORK CITY) SCHOLARS: Joseph G. Moore, '65, William W. Niles, '64, David W. Sifton, '62

JAMES WEBBER SCHOLAR: John A. W. Densem, '62

SCHOLARSHIPS FOR STUDENTS PREPARING FOR THE MINISTRY

THOMAS BACKUS SCHOLAR: Hiram Richard Gooden, '63

BURHANS SCHOLAR: Frederick P. Williams, '62

HITCHINGS SCHOLAR: Ward B. Ewing, '64

KIRBY SCHOLAR: David E. Lee, '62

LAKE SCHOLAR: Charles L. Grant, '64

TOUCEY SCHOLAR: Richard J. Moore, '63

ISAAC H. TUTTLE SCHOLAR: David D. Holroyd, '63

WATERMAN SCHOLAR: Roger E. Nelson, '62

GENERAL SCHOLARSHIPS

ARMSTRONG SCHOLAR: William T. Bowie, '64

BACKUS SCHOLAR: Richard P. Beck, '65

BECKWITH SCHOLARS: Michael W. Dols, '64, Paul J. LaRocca, '62

BETHLEHEM STEEL SCHOLAR: Kenneth E. Fish, '64

GRACE EDITH BLISS SCHOLAR: Frank L. Sears, '62

GEORGE MEAD BOND SCHOLAR: Riess W. Potterveld, '65

LUCY M. BRAINERD SCHOLAR: Michael A. Schulenberg, '63

BRONSON SCHOLAR: Leon G. Shilton, '65

CARPENTER SCHOLAR: Robert M. Price, '65

CLASS OF 1916 SCHOLARS: Dexter S. Cook, '65, Phillip W. Correll, '63, Kevin L. O'Brien, '62

CLASS OF 1939 SCHOLAR: Andrew D. Smith, '65

COLE SCHOLAR: Stephen T. Imrie, '63

COLLEGIATE SCHOLAR: Thomas B. Woodworth, '65

- CONVERSE SCHOLARS: David S. Alberts, '62, Daryl L. Uphoff, '64
- LEMUEL J. CURTIS SCHOLAR: Bryan A. Marmesh, '64
- CHARLES F. DANIELS SCHOLAR: Thomas M. Chappell, '65
- J. H. KELSO DAVIS SCHOLARS: Paul M. Skret, '65, Joshua A. Smith, '65
- DILLON SCHOLAR: Peter S. Prentice, '65
- DOUGLAS SCHOLAR: Ronald V. Bosch, '64
- EASTERBY SCHOLAR: Thomas Samph, '65
- ELLIS SCHOLAR: Larry J. Silver, '64
- ELTON SCHOLARS: Mark E. Johnson, '65, David P. Traut, '62
- GUSTAVE A. FEINGOLD SCHOLAR: Charles L. Cooper, '65
- S. P. AND BARR FERREE SCHOLAR: Steven J. Cool, '62
- THOMAS FISHER SCHOLAR: Arthur Bobruff, '64
- EDWARD OCTAVIUS FLAGG SCHOLAR: Frederick C. Herdeen, '64
- FRANK ROSWELL FULLER SCHOLAR: David B. Jarman, '65
- ELBERT H. GARY SCHOLARS: Robert F. Muttart, '62, Joseph V. Nardiello, '62, Ian R. Smith, '64, David V. Wadsworth, '64
- JAMES HARDIN GEORGE SCHOLARS: Francis J. Cummings, '62, Edward E. Jenkins, '64
- GEORGE SHEPARD GILMAN SCHOLAR: John A. Witherington, '64
- HALLDEN ENGINEERING SCHOLARS: David J. Ahlgren, '64, Thomas R. Berger, '63, Thomas E. Calabrese, '63, Edward T. Hansen, '65, Richard G. Meck, '65, John A. Szumczyk, '63, George W. Viering, '63
- HALSEY SCHOLARS: Steven J. Cool, '62, Robert E. Graham, '65
- HARTFORD ROTARY-CHARLES J. BENNETT SCHOLAR: R. Kimball Dickson, '63
- GEORGE KNEELAND SCHOLAR: Denny S. Clark, '65
- GEORGE SHELDON MCCOOK SCHOLAR: Gerald A. McNamara, '62
- MCLEAN SCHOLAR: Denny S. Clark, '65
- CAROLINE SIDNEY MEARS SCHOLAR: Charles G. Storms, '64
- MOAK-TRINITY SCHOLAR: Bernard A. Barber, '65
- ROBERT S. MORRIS SCHOLAR: Mark Shapiro, '62
- SHIRAS MORRIS SCHOLAR: Walter E. Koch, '63
- REMSSEN BRINCKERHOFF OGILBY SCHOLAR: Norman J. Beckett, '65
- DWIGHT WHITEFIELD PARDEE SCHOLAR: Thomas R. Knox, '63
- HENRY PERKINS SCHOLAR: H. Richard Gooden, '63
- RETURNED SCHOLARSHIP SCHOLAR: John R. Hebel, '63
- GOVERNOR ABRAHAM A. RIBICOFF SCHOLAR: Donald L. Kolb, '65
- MARIA L. RIPLEY SCHOLAR: Boris M. Luts, '62
- THE GENERAL GRIFFIN A. STEDMAN SCHOLAR: Robert E. Bennett, '64
- SUISMAN FOUNDATION SCHOLAR: John Norman, '62
- EDWIN P. TAYLOR SCHOLAR: Frank G. Kirkpatrick, '64

MATTHEW GEORGE THOMPSON SCHOLARS: Robert S. Anderson, '64, David S. Barkley, '65, William I. Bunnell, '62, Samuel C. Coale, '65, Lawrence L. Dawson, '63, Alan C. Elwell, '63, James E. Ferrara, '64, Russell M. Griffin, '65, Charles E. Hance, '65, Ward T. Kelsey, '65, Cathrew M. Mseka, '65, Ilhi Synn, '62, Albert Zakarian, '62

WILLIAM TOPHAM SCHOLAR: Thomas M. Kelly, '62

TRINITY SCHOLARS: Wiley A. Jones, '63, Richard M. Kirby, '65, Francis W. Kollett, '63, Emmett E. Miller, '63, Donald A. Pine, '62, Arthur J. Querido, '64, David A. Raymond, '63, George A. Raymond, '62, Ousman A. Sallah, '65, Edward R. Silansky, '64, Richard B. Stowell, '64, Paul R. Sullivan, '62, Harvey W. Thomas, '63

B. FLOYD TURNER SCHOLAR: Peter J. Schaefer, '64

WEAN SCHOLARS: Frederick C. Prillaman, '65, James R. Sweeney, '62

MARY HOWARD WILLIAMS SCHOLAR: Lawrence G. Robertson, '63

WISE SCHOLARS: Anthony S. Fehm, '62, Alden R. Gardner, '64, David B. Horowitz, '64, Michael E. McGurkin, '64, Kenneth D. Phelps, '65, Robert J. Roxby, '62

CHARLES G. WOODWARD SCHOLARS: Thomas S. Johnson, '62, Kenneth J. Pedini, '62, Hin-Seak Leng, '62, Kiau Moi Loi, '63, Stanley J. Marcuss, '63, Donald E. McCormick, '63, Robert L. Streisand, '63, David H. Webster, '63, Phillip M. Wilson, '62, Ronald E. Yates, '64

VERTREES YOUNG SCHOLAR: Philip S. Parsons, '65

HONORS AND PRIZES

THE ALUMNI PRIZES IN ENGLISH COMPOSITION: *First Prize*: David W. Sifton, '62; *Second Prize*: Eric H. Broudy, '62; *Third Prize*: Robert O. Stuart, '64; *Fourth Prize*: Samuel G. Curtis, '62

PRIZE PAPERS REVEALING LITERARY OR HISTORICAL INSIGHT: *First Prize*: Paul J. LaRocca, '62; *Second Prize*: John P. Jewett, '65; *Third Prize*: Lawrence S. James, II, '64; *Fourth Prize*: Michael E. Hill, '63

TRINITY ALUMNUS PRIZES IN PROSE FICTION: *First Prize*: Ralph W. Allen, '64; *Second Prize*: John H. Chatfield, '64; *Third Prize*: David S. Barkley, '65

THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS PRIZE: Stuart L. Sharpe, '62

THE CESARE BARBIERI ESSAY PRIZES: Not awarded

THE CESARE BARBIERI PRIZES FOR EXCELLENCE IN SPOKEN ITALIAN: Elementary Italian: *First Prize*: Chedomir J. Markovich, '65; *Second Prize*: Michael W. Ingram, '64, Robert M. Murdock, '63. Second Year Italian: *First Prize*: Robert J. Roxby, '62; *Second Prize*: Not awarded

F. A. BROWN PRIZES - ENGLISH ORATION: *First Prize*: Arthur F. McNulty, Jr., '62; *Second Prize*: Thomas F. Bundy, Jr., '62; *Third Prize*: William C. Richardson, '62

DELTA PHI ALPHA BOOK PRIZE: Ross D. Hall, '62

THE FERGUSON PRIZES FOR ECONOMIC ESSAYS: *First Prize (Honors Essay)*: David F. Gates, '62; *First Prize*: Allan M. Rudnick, '62; *Second Prize*: James S. McAlister, III, '62

THE FERGUSON PRIZES IN HISTORY: Not awarded

THE FERGUSON PRIZES IN GOVERNMENT: Not awarded

THE RONALD H. FERGUSON PRIZES FOR EXCELLENCE IN FRENCH: *First Prize*: Robert C. McNally, '62; *Second Prize*: George T. Shaw, '62

THE JAMES GOODWIN GREEK PRIZES: *First Prize*: William D. E. Coulson, '64; *Second Prize*: Not awarded; *Honorable Mention*: Richard S. O. Chang, '63, David D. Holroyd, '63

THE MARY LOUISE GUERTIN ACTUARIAL AWARD: John A. W. Densem, '62

THE RICHARD P. HORAN MEMORIAL TROPHY: Phi Kappa Chapter of Alpha Delta Phi Fraternity

THE HUMAN RELATIONS AWARD: Markley E. Smith, '62

ITALIAN GOVERNMENT GRADUATE STUDY SCHOLARSHIP: Joseph V. Nardiello, '62

THE JESTERS ONE-ACT PLAY WRITING CONTEST: *First Prize*: Andrew T. Stewart, '62; *Second Prize*: John R. Pearson, '64; *Third Prize*: Alfred C. Burfeind, '64

THE GEORGE J. MEAD PRIZE IN HISTORY: William D. E. Coulson, '64

JAMES A. NOTOPOULOS PRIZE: *First Prize*: David J. Graybill, '65; *Second Prize*: Peter B. Hollenbeck, '65

THE PHI GAMMA DELTA PRIZES IN MATHEMATICS: *First Year Mathematics: First Prize*: Edward William Chapin, '65; *Second Prize*: Dexter Sturgis Cook, '65; *Third Prize*: Frederick Christopher Arterton, '65. *Second Year Mathematics: First prize*: Edward J. Mosher, '64; *Second Prize*: Wilson Henry Taylor, '64; *Third Prize*: David Russell Case, '64, Stephen Lawrence Knapp, '64

THE PI GAMMA MU SCHOLARSHIP AWARD: David F. Gates, '62

THE DONN F. PORTER MEMORIAL AWARD: Robert V. Davison, '65

THE ROCKEFELLER BROTHERS THEOLOGICAL FELLOWSHIPS: Peter B. Morrill, '62, William M. Polk, '62

THE MELVIN TITLE LATIN PRIZES: *Triple tie*: William D. E. Coulson, '64, Ronald J. Quirk, '64, David E. Wilson, '62

TRINITY COLLEGE - UNIVERSITY OF CHICAGO GRADUATE SCHOOL OF BUSINESS SCHOLARSHIP: William C. Richardson, '62

TRINITY COLLEGE - UNIVERSITY OF CHICAGO LAW SCHOOL SCHOLARSHIP: George Browne, '62

TRINITY COLLEGE LIBRARY ASSOCIATES STUDENT BOOK COLLECTORS PRIZES: *First Prize*: Not awarded; *Second Prize*: Ilhi Synn, '62; *Third Prize*: Dana A. Cleaves, '62, Peter K. Knapp, '65

THE MILES A. TUTTLE PRIZE: Not awarded

RUEL CROMPTON TUTTLE PRIZES: *First Prize*: John R. Hebel, '63; *Second Prize*: Donald E. McCormick, '63

JOHN CURTIS UNDERWOOD MEMORIAL PRIZES IN POETRY: *First Prize*: Peter B. Hollenbeck, '65; *Second Prize*: A. David Lander, '63; *Third Prize*: Samuel G. Curtis, '62

THE WALL STREET JOURNAL STUDENT ACHIEVEMENT AWARD: David F. Gates, '62

THE FRANK W. WHITLOCK PRIZES - PUBLIC SPEAKING: *First Prize*: William C. Richardson, '62; *Second Prize*: Lucien P. DiFazio, Jr., '65

WOODROW WILSON FELLOWSHIPS: David F. Gates, '62; Paul J. LaRocca, '62.

HONOR SOCIETIES

PHI BETA KAPPA: David S. Alberts, '62, David L. Arp, '62, Peter W. Bartol, '62, George Browne, '62, David F. Gates, '62, John W. Kapouch, '62, Paul J. LaRocca, '62, Michael S. Lutin, '62, Robert C. McNally, '62, Roger E. Nelson, '62, William M. Polk, '62, George T. Shaw, '62, Harrison C. Stetler, '62, David E. Wilson, '62

PI GAMMA MU: Paul B. Ascher, '62, Peter W. Bartol, '62, George Browne, '62, James P. Fox, '62, David F. Gates, '62, Jerry B. Gough, '62, Donald H. Jones, '62, John W. Kapouch, '62, Thomas M. Kelly, '62, Thomas R. Knox, '63, Walter E. Koch, '63, Paul J. LaRocca, '62, Hin-Seak Leng, '62, Stanley J. Marcuss, Jr., '63, Robert C. McNally, '62, Roger E. Nelson, '62, Kevin L. O'Brien, '62, William M. Polk, '62, George T. Shaw, '62, James R. Sweeney, '62, Harvey W. Thomas, Jr., '63, W. James Tozer, '63, David E. Wilson, '62, Albert Zakarian, '62

SIGMA PI SIGMA: Peter K. Hayes, '64, Stephen L. Knapp, '64, Edward J. Mosher, '64, Wilson H. Taylor, '64, Thomas S. Wadlow, Jr., '64

DELTA PHI ALPHA: Dexter S. Cook, '65, Paul T. Hannigan, '63, Peter K. Hayes, '64, Bruce A. Pavlech, '64, Gerald A. Winer, '63

PSI CHI: Craig B. Adams, '63, Steven J. Cool, '62, John E. Gaines, '63, Robert C. Kraut, '63, David E. Lee, '62, Frederick Z. Metcalf, Jr., '62, Robert E. Perdue, '62, George A. Raymond, '62, Richard G. Shechtman, '62, Edison J. Trickett, '63, David A. Wadhams, '62, Robert T. Watt, '63, Gerald A. Winer, '63

WINNERS OF 1961-1962 ATHLETIC PRIZES

THE JOHN FRANCIS BOYER LACROSSE AWARD: J. Dorsey Brown, '62

THE NEWTON C. BRAINARD SQUASH RACQUETS AWARD: Donald D. Mills, '62

THE HORACE G. CLEVELAND III TENNIS MEDAL: Donald D. Mills, '62

THE COACH'S FOUL SHOOTING TROPHY: John C. Norman, '62

THE CRAIG MOST IMPROVED PLAYER TENNIS AWARD: David A. Hemphill, '64

THE PETER S. FISH MOST VALUABLE SOCCER PLAYER TROPHY: C. Baird Morgan, Jr., '62

THE DAN JESSEE BLOCKING AWARD: Michael A. Schulenberg, '63

THE GEORGE SHELDON MCCOOK TROPHY: William M. Polk, '62

THE JOHN A. MASON MOST IMPROVED SQUASH PLAYER AWARD: Bruce D. Leddy, '62

THE MEARS PRIZE IN PHYSICAL EDUCATION: Anthony A. Sirianni, '63

THE ROBERT S. MORRIS TRACK TROPHY: Markley E. Smith, '62

THE "1935" MOST VALUABLE FOOTBALL PLAYER AWARD: Ian Y. Bennett, '62

THE PAPPAS MOST VALUABLE PLAYER GOLF AWARD: Robert S. Ebersold, '63

THE HAROLD R. SHETTER MOST IMPROVED SOCCER PLAYER AWARD: Francis B. Jacobs, '64

THE ROBERT SLAUGHTER MOST IMPROVED SWIMMER AWARD: Donald L. McLagan, '64

THE JOHN E. SLOWIK MOST VALUABLE SWIMMER AWARD: David A. Raymond, '63

THE JOHN SWEET BATTING AWARD: William M. Polk, '62

THE ARTHUR P. R. WADLUND MOST VALUABLE BASKETBALL PLAYER AWARD: Barry J. Leghorn, '64

THE LEWIS M. WALKER INTRAMURAL GOLF AWARD: John F. Kraft, III, '62

THE DAN WEBSTER MOST VALUABLE BASEBALL PLAYER AWARD: Peter O. D. Lander-
man, '63

THE WYCKOFF GOLF AWARD: Peter L. Dunkle, '62

AIR FORCE RESERVE OFFICERS TRAINING CORPS

Distinguished AFROTC Graduates

George Browne, '62

James Douglass Spencer, '62

Albert Zakarian, '62

AWARDS AND MEDALS FOR 1962

AIR FORCE ASSOCIATION – to the graduating cadet officer who has exhibited the highest degree of excellence in the principles of leadership – Cadet Colonel Richard C. Cunneen, '62

COLT'S PATENT FIRE ARMS MANUFACTURING COMPANY – to the member of the AFROTC Rifle Team who has displayed superior sportsmanship and marksmanship – Cadet Lt. Colonel James D. Spencer, '62

CONNECTICUT COMMANDERY OF THE MILITARY ORDER OF FOREIGN WARS – to the second year, basic course cadet who has maintained the highest degree of military achievement and proficiency – Cadet Sgt. John C. Hussey, '64

CONNECTICUT DEPARTMENT, RESERVE OFFICERS ASSOCIATION – to the first year, basic course cadet who has demonstrated the highest academic performance in military subjects – Cadet Airman Richard D. Doorley, '65

CONVAIR – to the first year, basic course cadet who has displayed the greatest interest in aviation and desire for flying training – Cadet Airman Richard D. Meck, '65

FIRST COMPANY, GOVERNOR'S FOOT GUARD – to the graduating cadet officer who has demonstrated in an exemplary manner the knowledge of traditional military leadership – Cadet Colonel F. Ross King, Jr., '62

FIRST COMPANY, GOVERNOR'S FOOT GUARD BAND – to the cadet who has contributed in an exemplary manner to the success of the AFROTC Drum and Bugle Corps – Cadet 2nd Lt. John W. Wardlaw, Jr., '63

FIRST COMPANY, GOVERNOR'S HORSE GUARD – to the graduating cadet officer from the State of Connecticut who has demonstrated a high degree of improvement in military proficiency and an interest in an Air Force career – Cadet Major George Browne, '62

HARTFORD CHAPTER NUMBER FIFTY-SIX, NATIONAL SOJOURNERS – to the first year, basic course cadet who has demonstrated an exceptional effort and interest in an Air Force career – Cadet 2nd Lt. Michael J. Daly, '63

HARTFORD CHAPTER, RESERVE OFFICERS ASSOCIATION – to the first year, basic course Cadet who has demonstrated the highest degree of interest and ability in the promotion of the AFROTC Rifle Team – Cadet Airman Robert B. Talbert, '65

HARTFORD CHAPTER, MILITARY ORDER OF WORLD WARS – to the second year, basic course cadet who has demonstrated the greatest interest in flying and an Air Force career – Cadet Airman Frederick C. Herdeen, '64

HARTFORD COUNCIL, NAVY LEAGUE OF THE UNITED STATES – to the Air Force cadet who has done the most to instill pride in the Corps and develop inspiration to serve wisely in the Armed Forces of the United States – Cadet 2nd Lt. Frederick L. Ashworth, '63

HARTFORD COURANT – to the first year, advanced course cadet who has consistently distinguished himself by sincerity, loyal cooperation, and unquestioning devotion to the mission of the Cadet Corps – Cadet Colonel Hiram R. Gooden, '63

HARTFORD CHAPTER, YANKEE DIVISION VETERANS ASSOCIATION – to the first year, advanced course cadet who rendered outstanding support in the accomplishment of the mission of the Cadet Corps – Cadet 2nd Lt. John M. Richardson, '63

HARTFORD VETERAN'S COUNCIL - to the basic course cadet who has exhibited the highest military proficiency, and a high degree of merit with respect to leadership, military bearing and excellence in his academic course of study - Cadet Sgt. John S. Stanley, '64

KAMAN AIRCRAFT CORPORATION - to the first year, basic course cadet who has exhibited a high degree of merit with respect to leadership, military bearing and excellence in his academic course of study - Cadet Airman Robert E. Graham, '65

8305TH AIR RECOVERY GROUP - to the graduating cadet officer who has demonstrated military proficiency and academic performance to a high degree - Cadet Major Albert Zakarian, '62

PRATT AND WHITNEY AIRCRAFT - to the graduating cadet officer who has demonstrated the highest leadership, cooperation and loyalty - Cadet Colonel Richard C. Cunneneen, '62

SAVITT - to those members of the Drill Team who distinguished themselves by their effort, ability and devotion to mission - Cadet 2nd Lt. Frederick L. Ashworth, '63, on behalf of the Drill Team

SONS OF THE AMERICAN REVOLUTION - to the basic course cadet who has demonstrated to the highest degree the desirable traits of an Air Force officer and gentleman - Cadet Airman Arthur J. Querido, '64

TRINITY CLUB OF HARTFORD - to the graduating cadet officer with whom the Non-commissioned Officers of the AFROTC Detachment would most like to serve on active duty - Cadet Captain Alan C. Redford, '62

Degrees Conferred in 1962

The following degrees, having been voted by the Corporation, were duly conferred at the public Commencement Exercises June 10.

BACHELORS DEGREES IN COURSE

David Forrest Gates, *Massachusetts*, B.A.

VALEDICTORIAN

with Honors in General Scholarship and Economics

David Edwards Wilson, *Wisconsin*, B.A.

SALUTATORIAN

with Honors in General Scholarship and Classics

Paul Bernard Ascher, *Connecticut*, B.A.

with Honors in Government

George Browne, *Connecticut*, B.A.

with Honors in History

Steven James Cool, *Oklahoma*, B.A.

with Honors in Psychology

Jerry Bruce Gough, *Illinois*, B.A.

with Honors in History

Ross David Hall, *Massachusetts*, B.A.

with Honors in German

John William Kapouch, Jr., *Connecticut*, B.A.

with Honors in Economics

Henry DuBois Kisor, *Illinois*, B.A.

with Honors in English

Paul Joseph LaRocca, *Connecticut*, B.A.

with Honors in English and History

Nathaniel Larrabee, II, *Connecticut*, B.A.

with Honors in Fine Arts

Hin-Seak Leng, *Malaya*, B.A.

with Honors in Government

Boris Michael Luts, *Connecticut*, B.A.

with Honors in German

Robert Charles McNally, *Connecticut*, B.A.

with Honors in Psychology

Roger Edwin Nelson, *Massachusetts*, B.A.

with Honors in History

Kevin Lawrence O'Brien, *Massachusetts*, B.A.

with Honors in Government

William Mecklenburg Polk, *New York*, B.A.

with Honors in History and Religion

Louis Anthony Renza, *Connecticut*, B.A.

with Honors in English

Harrison Crawford Stetler, *Pennsylvania*, B.S.

with Honors in Chemistry

James Ross Sweeney, *Massachusetts*, B.A.

with Honors in History

Ilhi Synn, *Korea*, B.S.

with Honors in German

George Frederick Will, *Illinois*, B.A.

with Honors in Religion

Roger Stanley Wilson, *New Jersey*, B.S.

with Honors in Biology

Albert Zakarian, *Connecticut*, B.A.

with Honors in Government

David Samuel Alberts, *Wisconsin*, B.S.

Douglas Kay Anderson, *Massachusetts*, B.A.

Guy Kenneth Anderson, *Florida*, B.S.

Demos Antoniou, *Connecticut*, B.S.

David Louis Arp, *Illinois*, B.S.

Philip Leon Babin, *Connecticut*, B.A.

John Herbert Baker, Jr., *New York*, B.S.

Bohdan Balko, *Connecticut*, B.S.

Peter Wakefield Bartol, *Connecticut*, B.A.

Hans Phillip Bauer, *New York*, B.S.

Ian Yorty Bennett, *New York*, B.A.

Richard Bradley Berkley, *Florida*, B.S.

Charles Hudson Bishop, Jr., *Ohio*, B.A.

Edward Schenck Blackwell, III, *New Jersey*, B.A.

Robert Alexander Borawski, *Massachusetts*, B.A.

Roger Edwin Borggard, *Connecticut*, B.S.

Harold Richardson Borus, *Pennsylvania*, B.A.

Robert Bonner Bowler, III, *Connecticut*, B.A.

Thomas Morgan Boyd, *Ohio*, B.A.

Robert Marx Brandenberger, *Connecticut*, B.S.

Richard Chandler Brightman, *Rhode Island*, B.S.

Eric Henning Broudy, *Connecticut*, B.A.

James Dorsey Brown, III, *Maryland*, B.A.

Thomas Freeborn Bundy, Jr., *New York*, B.A.

William Irving Bunnell, *Iowa*, B.A.

William Edward Byrne, *Connecticut*, B.S.

Carl Edwin Carlson, Jr., *Connecticut*, B.S.

Donald Ward Carroll, Jr., *Maryland*, B.A.

William Gundry Chase, Jr., *New York*, B.A.

Charles Henry Classen, Jr., *Pennsylvania*, B.S.

Paul Edward Cochran, *Massachusetts*, B.A.

Joseph Edward Colen, Jr., *Pennsylvania*, B.A.

Alan Richards Coyne, *New York*, B.A.

- Michael Whittington Creighton, *Washington, District of Columbia*, B.A.
 Francis Joseph Cummings, *Connecticut*, B.S.
 Richard Campbell Cunneen, *Connecticut*, B.A.
 Robert Hopkins Cunningham, *Connecticut*, B.S.
 Samuel Gould Curtis, *Connecticut*, B.A.
 Earle Newton Cutler, III, *New Jersey*, B.A.,
 David Gibson Daniels, *Connecticut*, B.S.
 James John Darrow, *Connecticut*, B.A.
 Leonard Vesper Day, Jr., *Pennsylvania*, B.S.
 Rodney Dean Day, III, *Pennsylvania*, B.A.
 John Arthur Wigmore Densem, *Michigan*, B.S.
 John Merle Denson, *New York*, B.A.
 Lawrence Gilchrist D'Oench, *District of Columbia*, B.A.
 Fred McLean Dole, *Connecticut*, B.A.
 Louis Arthur Domingue, *Massachusetts*, B.A.
 William Millen Duncan, *Ohio*, B.A.
 Erik Nilsson Dunlaevy, *New York*, B.A.
 Jonathan Edwards, *New York*, B.A.
 Mark Evan Fairbanks, *Massachusetts*, B.A.
 Henry Whipple Farnum, Jr., *Pennsylvania*, B.A.
 Sherwood Anthony Fehm, Jr., *Connecticut*, B.A.
 James Kip Finch, II, *Connecticut*, B.S.
 Peter Van Dyke Fish, *Pennsylvania*, B.A.
 James Pierce Fox, *Illinois*, B.A.
 Georges René Fraise, *Madagascar*, B.A.
 Richard Standish Francis, III, *New Hampshire*, B.S.
 Walter Albert Frey, III, *Maryland*, B.A.
 Arnold Morris Friedman, *Pennsylvania*, B.A.
 Michael Peter Getlin, *Illinois*, B.A.
 Edward Trotter Goodman, *Pennsylvania*, B.A.
 Jonathan Gordon Granger, *Massachusetts*, B.A.
 David Alan Grant, *New York*, B.A.
 Wendell Arthur Guy, Jr., *Connecticut*, B.A.
 Theodore Herman Hageman, Jr., *Connecticut*, B.A.
 Owen Roberts Hamilton, *Connecticut*, B.A.
 Robert Ellsworth Harned, *New York*, B.A.
 Lawrence Reed Harris, Jr., *Maryland*, B.A.
 Robert Morgan Harting, *Pennsylvania*, B.A.
 Richard Oscar Hill, Jr., *New Jersey*, B.S.
 Charles Lance Hoffman, *Illinois*, B.A.
 Robert Melvin Hopkins, Jr., *Maryland*, B.S.
 Merrill Roberts Hunt, *Maine*, B.A.
 Robert Gardner Hunt, *Massachusetts*, B.A.
 Robert Walter Ierley, *New Jersey*, B.A.
 Sauveur Italo Intagliata, *Connecticut*, B.S.
 John Henderson Jevne, *Connecticut*, B.A.
 Paul Arthur Johnson, Jr., *New Jersey*, B.A.
 Roland Torsten Johnson, *Connecticut*, B.A.
 Thomas Stephen Johnson, *Wisconsin*, B.A.
 Donald Herbert Jones, *New York*, B.A.
 Robert Joseph Kelleher, *Connecticut*, B.A.
 Thomas Morgan Kelly, *Pennsylvania*, B.A.
 Warren Oaks Kessler, *New Jersey*, B.S.
 Bradford Wells Ketchum, Jr., *New York*, B.A.
 Frank Ross King, Jr., *Colombia*, B.A.
 Philip Arthur Klotz, *New York*, B.A.
 Peter John Knop, II, *Virginia*, B.A.
 John Frederick Kraft, III, *Pennsylvania*, B.A.
 Richard Paul Kroczyński, *New Jersey*, B.S.
 George Piersol Kroh, *Missouri*, B.A.
 William Soran Leahy, Jr., *Illinois*, B.S.
 John Howland Leatherbee, Jr., *New York*, B.A.
 Bruce Eugene Leddy, *Maine*, B.A.
 David Edward Lee, *Pennsylvania*, B.A.
 Robert Louis Levy, *Illinois*, B.A.
 Laurence Rynes LeWinn, *Pennsylvania*, B.S.
 Barnett Lipkind, *Connecticut*, B.A.
 Malcolm Lloyd, *Missouri*, B.A.
 Thomas Lloyd, *Pennsylvania*, B.A.
 Stephen Hamrick Lockton, *Indiana*, B.A.
 Michael Barr Long, *New York*, B.A.
 Joseph Fewsmith Lord, Jr., *New Jersey*, B.A.
 Michael Stewart Lutin, *Connecticut*, B.A.
 David Arthur Lynde, *Massachusetts*, B.S.
 Charles Matthews Mackall, Jr., *Connecticut*, B.A.
 Donald MacKay, III, *Montana*, B.A.
 Robert Wallace Macleod, *Massachusetts*, B.A.
 James Edward Maryak, *Connecticut*, B.A.
 Robert James Mason, *Wisconsin*, B.S.
 James Shubal McAlister, III, *New Jersey*, B.A.
 James Henry McConnell, *Ohio*, B.A.
 Josiah Calvin McCracken, III, *New Jersey*, B.A.
 George Peter Means McCurrach, *Florida*, B.A.
 William Gelon McKnight, III, *New York*, B.A.
 Gerald Alan McNamara, *Connecticut*, B.A.
 Arthur Frederick McNulty, Jr., *Pennsylvania*, B.A.
 William Bruce McPherson, III, *Maryland*, B.A.
 Peter James Meehan, *Connecticut*, B.A.
 John Matthew Meyer, III, *Connecticut*, B.A.
 Andrew James Miller, *New Jersey*, B.A.
 Donald Delmonico Mills, *Pennsylvania*, B.A.
 John Randall Miner, Jr., *Connecticut*, B.S.
 William Henry Ledger Mitchell, III, *Massachusetts*, B.A.
 Charles Baird Morgan, Jr., *Pennsylvania*, B.A.
 Peter Bill Morrill, *New Jersey*, B.A.
 Adam Sutherland Mott, *Maryland*, B.A.
 Robert Franklin Muttart, *Connecticut*, B.A.
 Joseph Vincent Nardiello, *Connecticut*, B.A.
 Robert Clifford Nielsen, *Connecticut*, B.A.
 Michael Crombie Niven, *California*, B.A.
 John Charles Norman, *Connecticut*, B.A.
 Donald Archibald Papa, *Connecticut*, B.A.
 Kenneth Joseph Pedini, *Connecticut*, B.A.
 Robert Edward Perdue, *Connecticut*, B.S.

- Oliver Perin, *Maryland*, B.A.
 Donald Alexander Pine, *Virginia*, B.A.
 James Edward Platts, *Pennsylvania*, B.S.
 Gordon Ashby Pomeroy, *Connecticut*, B.S.
 Peter Stanley Postma, *Texas*, B.A.
 Frederick Maurice Pryor, *Massachusetts*, B.A.
 Robert Ernest Raeder, *Connecticut*, B.A.
 George I. Rand, *New York*, B.A.
 George Alistair Raymond, *New York*, B.S.
 Alan Coe Redford, *Connecticut*, B.S.
 Peter Stephen Reinthaler, *New Jersey*, B.A.
 William Chase Richardson, *New Jersey*, B.A.
 Bankson Cram Riter, Jr., *Connecticut*, B.A.
 Judson Morgan Robert, *Connecticut*, B.A.
 Frederick Bruce Robinson, Jr., *Massachusetts*, B.A.
 Dennis Bruce Rodgers, *Illinois*, B.S.
 John Scott Rodgers, *New Jersey*, B.A.
 Herbert Lawton Ross, *Connecticut*, B.A.
 Robert Joseph Roxby, *Connecticut*, B.A.
 Allan Michael Rudnick, *Massachusetts*, B.A.
 Randel Edward Ryan, Jr., *New York*, B.S.
 William Bernard Ryan, Jr., *Connecticut*, B.A.
 Richard Brant Sankey, *Ohio*, B.A.
 Charles Wesley Sargent, *New York*, B.A.
 William Clay Sargent, *New York*, B.A.
 William Frederick Sauter, *Pennsylvania*, B.A.
 Louis Fred Scaturro, *New Jersey*, B.A.
 William Palmer Scully, *New York*, B.A.
 Frank Lewis Sears, II, *Massachusetts*, B.A.
 Mark Shapiro, *Connecticut*, B.S.
 Stuart Lewis Sharpe, *New York*, B.S.
 George Taft Shaw, *Connecticut*, B.A.
 Leon Oliver Shaw, Jr., *Illinois*, B.A.
 Richard Gerald Shechtman, *Connecticut*, B.A.
 Jeffrey Griffing Sheley, *Connecticut*, B.A.
 Stephen Fisher Short, *Pennsylvania*, B.S.
 David Whittier Sifton, *New York*, B.A.
 Frank Clawson Smith, *Connecticut*, B.A.
 Markley Eldridge Smith, *Pennsylvania*, B.A.
 Benjamin Southwick, *New Jersey*, B.A.
 James Douglas Spencer, *Massachusetts*, B.A.
 Shepard Colegrove Spink, *New York*, B.A.
 Richard Rowland Stebbins, Jr., *Massachusetts*, B.A.
 Andrew Turner Stewart, *Connecticut*, B.A.
 Philip Rensselaer Stockwell, Jr., *Pennsylvania*, B.A.
 David Wells Strawbridge, *Pennsylvania*, B.A.
 Paul Ryan Sullivan, *Connecticut*, B.A.
 Robert McCoy Swift, *New York*, B.A.
 John Laughlin Swope, III, *Maryland*, B.A.
 John Christopher Syer, *California*, B.A.
 Bruce Alden Thayer, *Massachusetts*, B.S.
 David Dwight Thomas, *Minnesota*, B.S.
 David Paul Traut, *Connecticut*, B.A.
 William Hutchins Turner, III, *New Jersey*, B.A.
 Peter Carmelo Vincenzo, *Connecticut*, B.S.
 David Allan Wadhams, *Connecticut*, B.A.
 Ralph Ray Warren, Jr., *New Jersey*, B.A.
 Richard Arthur Werner, *Connecticut*, B.A.
 James Payton Whitters, III, *Massachusetts*, B.A.
 Frederic Peter Williams, Jr., *Indiana*, B.A.
 Phillip Monroe Wilson, *Connecticut*, B.A.
 Thomas Ashley Wilson, *Connecticut*, B.S.
 James Donald Woodruff, Jr., *Maryland*, B.A.
 George Muirson Woolsey, *Maryland*, B.A.
 Cummings Vail Zuill, Jr., *Bermuda*, B.A.

BACHELOR DEGREES IN ENGINEERING IN COURSE

- Donald Paul Anderson, *Connecticut*, B.S.M.E.
 Christopher Alan Hodges, *Connecticut*, B.S.M.E.
 Frank Peter Urban, Jr., *Connecticut*, B.S.E.E.
 Peter Kay Windesheim, *Connecticut*, B.S.E.E.

MASTERS DEGREES IN COURSE

- | | | |
|---------------------------|---|------|
| Evelyn Schultz Ahlberg | B.A., 1957, Mount Holyoke College | M.S. |
| Lynn Wyman Anderson | B.A., 1959, University of Massachusetts | M.A. |
| Molly Boggis | B.A., 1959, University of Connecticut | M.A. |
| Rosa Marie Brown | B.S., 1951, Saint Joseph College | M.A. |
| Norman Joseph Catir, Jr. | B.A., 1955, Trinity College; S.T.B., 1958, Berkeley Divinity School | M.A. |
| Lawrence Andrew Cavanaugh | B.S., 1959, Fairfield University | M.S. |
| Ethel Law Clamon | B.E., 1936, Central Connecticut State College | M.A. |
| George Rodney Enos | B.S., 1959, University of New Hampshire | M.S. |
| Francis Donald Fuge | B.A., 1951, Pennsylvania State University | M.A. |
| Margaret C. Garvey | B.A., 1933, Albertus Magnus College | M.A. |
| Clarence Willis Gay | B.A., 1950, University of Connecticut | M.A. |
| Benjamin Gitlow, Jr. | B.A., 1946; B.S., 1949, Brown University | M.S. |
| William Moulton Graves | B.A., 1945, Trinity College | M.A. |
| Eldon Bertel Heft | B.S.M.E., 1948, University of Illinois | M.S. |

John Glenwood Hill, Jr.	B.A., 1951; LL.B., 1954, University of Connecticut	M.A.
Charles Everett Hills, Jr.	B.A., 1938, Amherst College; M.A., 1954, Trinity College	M.A.
Robert Raymond Holmes	B.A., 1959, Amherst College	M.S.
Curtis Eugene Jennings	B.S., 1960, Central Connecticut State College	M.A.
William James Kilty	B.S., 1958, Trinity College	M.A.
Robert Stanley Kirk	B.S., 1960, Trinity College	M.S.
Raymond George Kramer	B.A., 1956, University of Hartford	M.A.
Philip Henry LaChapelle	B.S., 1952, University of Hartford	M.A.
Anthony Carl Lettiere	B.S., 1958, College of the Holy Cross	M.A.
Philip Joseph Mallon	B.A., 1953, Trinity College	M.A.
Marylouise Dunham Meder	B.A., 1947, Mary Washington College	
Bruce L. Mentch	M.L.S., 1949, Carnegie Institute of Technology	M.A.
Victor Meyers	B.S., 1956, Northwestern University	M.A.
Doris Ann Moorhouse	B.A., 1953, Williams College	M.S.
William Christopher Morgan, III	B.S., 1957, Hartford College	M.A.
Robert Lawrence Mullaney	B.A., 1955, Trinity College	M.A.
Harold John Nolan, Jr.	B.A., 1959, Trinity College	M.A.
Ernest Linwood Ogden, Jr.	B.S., 1948, Boston University	M.A.
William Michael Ott, Jr.	B.S.Ed., 1947, Boston University	M.A.
Mary Frances Perretta	B.A., 1959, Williams College	M.S.
Lee Raymond Prescott	B.S., 1951, Central Connecticut State College	M.A.
Dale Clifford Robinson	B.A., 1951, Colby College	M.S.
Eric Gustave Shaler Rundberg, Jr.	B.M.E., 1938, Cooper Union Institute of Technology	M.S.
Mary Elizabeth Scanlon	B.A., 1960, Dartmouth College	M.S.
Roberta R. Sigal	B.A., 1958, Saint Joseph College	M.A.
Dominic Charles Spallone	B.S., 1959, Central Connecticut State College	M.A.
Harold Kirtland Switzer, II	B.S., 1953, University of Connecticut	M.A.
Burton Tiffany	B.A., 1961, Hobart College	M.A.
Anthony Joseph Valdati, Jr.	B.S., 1960, Trinity College	M.S.
Charles Edward Walker	B.S., 1957, Trinity College	M.S.
Renard Miles Watson	B.S., 1956, University of Massachusetts	M.S.
Raymond George Wilcox	B.A., 1951, University of Hartford	M.A.
Henry Griswold Willard	B.A., 1951, Yale University	M.A.
Eleanor Veronica Williams	B.A., 1954, Dartmouth College; M.S., 1955, Thayer School of Engineering	M.S.
John Rudolph Wright	B.S., 1953, University of Connecticut	M.A.
Sybil Barbara Wyzan	B.A., 1957, University of Hartford	M.A.
Janet Anne Yellen	B.A., 1949, Connecticut College	M.A.
	B.A., 1956, College of New Rochelle	M.S.

HONORIS CAUSA

JOHN CROCKER, Groton, Massachusetts, Doctor of Divinity
 JOHN DOYLE DEWITT, Hartford, Connecticut, Doctor of Laws
 GEORGE KEITH FUNSTON, '32, New York, New York, Doctor of Laws
 THOMAS STEWART HAMILTON, Hartford, Connecticut, Doctor of Science
 JACOB COLEMAN HUREWITZ, '36, New York, New York, Doctor of Letters
 JOSEPH WARREN HUTCHENS, Hartford, Connecticut, Doctor of Divinity
 DONALD FRIZELL HYDE, New York, New York, Doctor of Letters
 JOSEPH VERNER REED, New York, New York, Doctor of Humane Letters

Student List for 1961-1962

CLASS OF 1962

- David Samuel Alberts, *Milwaukee, Wis.*
 Douglas Kay Anderson, *Hingham, Mass.*
 Guy Kenneth Anderson, *Ebensburg, Pa.*
 Demos Antoniou, *Wethersfield, Conn.*
 David Louis Arp, *Moline, Ill.*
 Paul Bernard Ascher, *West Hartford*
 Leon Philip Babin, *Branford, Conn.*
 John Herbert Baker, Jr., *Rochester, N. Y.*
 Bohdan Balko, *Hartford*
 Peter Wakefield Bartol, *Greenwich, Conn.*
 Henry Joseph Bashwiner, Jr., *Woodmere, N. Y.*
 Hans Phillip Bauer, *Troy, N. Y.*
 Ian Yorty Bennett, *New York, N. Y.*
 Richard Bradley Berkley, *Jackson Heights, N. Y.*
 Charles Hudson Bishop, Jr., *Shaker Heights, Ohio*
 Edward Schenck Blackwell, III, *Short Hills, N. J.*
 Robert Alexander Borawski, *Florence, Mass.*
 Harold Richardson Borus, *Pittsburgh, Pa.*
 Robert Bonner Bowler, III, *Plymouth, Mass.*
 Thomas Morgan Boyd, *Cleveland Heights, Ohio*
 Robert Marx Brandenberger, *Newington, Conn.*
 Richard Chandler Brightman, *Tuxedo Park, N. Y.*
 Eric Henning Broudy, *East Norwalk, Conn.*
 James Dorsey Brown, III, *Owings Mills, Md.*
 George Browne, *West Hartford*
 Thomas Freeborn Bundy, Jr., *Gates Mills, Ohio*
 William Irving Bunnell, *Fairfield, Iowa*
 Ronald Joseph Careb, *New Britain, Conn.*
 Carl Edwin Carlson, Jr., *New Britain, Conn.*
 Donald Ward Carroll, Jr., *Sparks, Md.*
 William Gundry Chase, Jr., *Tarrytown, N. Y.*
 Charles Henry Classen, Jr., *Rosemont, Pa.*
 Dana Alden Cleaves, *South Portland, Me.*
 William James Coad, III, *Washington, D. C.*
 Joseph Edward Colen, *Gladwyne, Pa.*
 Steven James Cool, *Enid, Okla.*
 Alan Richards Coyne, *Yonkers, N. Y.*
 Michael Whittington Creighton, *Chevy Chase, Md.*
 Kenneth C. Cromwell, *Ogden, Utah*
 Francis Joseph Cummings, *New Haven, Conn.*
 Richard Campbell Cunneen, *Brooklyn, Conn.*
 Robert Hopkins Cunningham, *Hartford*
 Samuel Gould Curtis, *Woodbury, Conn.*
 Earle Newton Cutler, III, *New Vernon, N. J.*
 David Gibson Daniels, *Westport, Conn.*
 James John Darrow, *New Britain, Conn.*
 Leonard Vesper Day, Jr., *Narberth, Pa.*
 Rodney Dean Day, III, *Villanova, Pa.*
 John Arthur Wigmore Densem, *Grand Rapids, Mich.*
 John Merle Denson, *Albany, N. Y.*
 Lawrence Gilchrist D'Oench, *Washington, D. C.*
 Fred McLean Dole, *Rocky Hill, Conn.*
 Louis Arthur Domingue, *Andover, Mass.*
 William Millen Duncan, *Toledo, Ohio*
 Donald Archibald Dunsford, Jr., *Chelmsford, Mass.*
 Jonathan Edwards, *Wainscott, N. Y.*
 Mark Evan Fairbanks, *Wakefield, Mass.*
 Henry Whipple Farnum, Jr., *Narberth, Pa.*
 Sherwood Anthony Fehm, Jr., *Hamden, Conn.*
 James Kip Finch, II, *New Canaan, Conn.*
 Peter Van Dyke Fish, *Allentown, Pa.*
 Robert John Floriani, *Hartford*
 Andrew Hotson Forrester, *West Hartford, Conn.*
 James Pierce Fox, *Springfield, Ill.*
 George René Fraise, *Tananarive, Madagascar*
 Richard Standish Francis, III, *Bryn Mawr, Pa.*
 Walter Albert Frey, III, *Baltimore, Md.*
 Arnold Morris Friedman, *Pittsburgh, Pa.*
 David Forrest Gates, *Needham Heights, Mass.*
 Harold Paul Geetter, *Hartford*
 Michael Peter Getlin, *La Grange Park, Ill.*
 Edward Trotter Goodman, *St. Davids, Pa.*
 Jerry Bruce Gough, *Rockford, Ill.*
 George Reatchlous Graham, Jr., *Pittsburgh, Pa.*
 Jonathan Gordon Granger, *Sandwich, Mass.*
 David Alan Grant, *New York, N. Y.*
 Wendell Arthur Guy, *Hamden, Conn.*
 Theodore Herman Hageman, Jr., *Colchester, Conn.*
 Ross David Hall, *Belmont, Mass.*
 Robert Ellsworth Harned, *Floral Park, N. Y.*
 Lawrence Reed Harris, Jr., *Bel Air, Md.*
 Robert Morgan Harting, *Philadelphia, Pa.*
 Richard Oscar Hill, Jr., *Maywood, N. J.*
 Scott Hill, Jr., *New York, N. Y.*
 Charles Lance Hoffman, *Chicago, Ill.*
 Robert Melvin Hopkins, Jr., *Ruxton, Md.*
 Merrill Roberts Hunt, *Portland, Me.*
 Robert Gardner Hunt, *Wellesley, Mass.*
 Robert Walter Ierley, *Passaic, N. J.*
 Sauveur Italo Intagliata, *West Hartford*
 John Henderson Jevne, *Glenbrook, Conn.*
 Paul Arthur Johnson, Jr., *Collingswood, N. J.*
 Roland Torsten Johnson, *Newington, Conn.*
 Thomas Stephen Johnson, *Racine, Wis.*
 Donald Herbert Jones, *Massapequa, N.Y.*
 John William Kapouch, *Darien, Conn.*

- Robert Joseph Kelleher, *West Hartford*
 Thomas Morgan Kelly, *Bryn Mawr, Pa.*
 Warren Oaks Kessler, *Morris Plains, N. J.*
 Bradford Wells Ketchum, II, *Pleasantville, N. Y.*
 Frank Ross King, Jr., *Caracas, Venezuela*
 Henry DuBois Kisor, *Evanston, Ill.*
 Peter John Knop, II, *Chantilly, Va.*
 Alexander John Kopper, *Chester, Conn.*
 John Frederick Kraft, III, *Pittsburgh, Pa.*
 Richard Paul Kroczyński, *Millburn, N. J.*
 Paul Joseph LaRocca, *East Hartford*
 Nathaniel Larrabee, II, *West Hartford*
 William Soran Leahy, *Highland Park, Ill.*
 Bruce Eugene Leddy, *Portland, Me.*
 David Edward Lee, *Harrisburg, Pa.*
 Hin-Seak Leng, *Butterworth P.W., Malaya*
 Robert Louis Levy, *Chicago, Ill.*
 Laurence Rynes LeWinn, *Wyncote, Pa.*
 Barnett Lipkind, *Hartford*
 Malcolm Lloyd, *Clayton, Mo.*
 Thomas Lloyd, *Chestnut Hill, Pa.*
 Stephen Hamrick Lockton, *Indianapolis, Ind.*
 Michael Barr Long, *Freeport, N. Y.*
 Michael Stewart Lutin, *Hartford*
 Boris Michael Luts, *South Windsor, Conn.*
 David Arthur Lynde, *Agawam, Mass.*
 Donald MacKay, III, *Roscoe, Mont.*
 Robert Wallace Macleod, *Dedham, Mass.*
 James Edward Maryak, *Milford, Conn.*
 Robert James Mason, *Milwaukee, Wis.*
 James Shubal McAlister, III, *Maplewood, N. J.*
 James Henry McConnell, *Shaker Heights, Ohio*
 Josiah Calvin McCracken, III, *Ventnor, N. J.*
 George Peter Means McCurrach, *Palm Beach, Fla.*
 William Gelon McKnight, III, *New York, N. Y.*
 Robert Charles McNally, *Hartford*
 Gerald Alan McNamara, *Hartford*
 Arthur Frederick McNulty, Jr., *Williamsport, Pa.*
 William Bruce McPherson, III, *Baltimore, Md.*
 Peter James Meehan, *North Haven, Conn.*
 Wayne Graver Mehringer, *Malverne, N. Y.*
 Frederick Ulmer Metcalf, Jr., *Rockville Centre, N. Y.*
 John Matthew Meyer, III, *Greenwich, Conn.*
 Andrew James Miller, *Tenafly, N. J.*
 Donald Delmonico Mills, *Philadelphia, Pa.*
 William Henry Ledger Mitchell, III, *Winchester, Mass.*
 Charles Baird Morgan, Jr., *Bryn Mawr, Pa.*
 Peter Bill Morrill, *Ridgewood, N. J.*
 Adam Sutherland Mott, *Chevy Chase, Md.*
 Robert Franklin Muttart, *Norwich, Conn.*
 Manning Martin Myers, *Norwalk, Conn.*
 Joseph Vincent Nardiello, *Wolcott, Conn.*
 Roger Edwin Nelson, *Braintree, Mass.*
 Robert Clifford Nielsen, *West Hartford*
 Michael Crombie Niven, *Beverly Hills, Calif.*
 John Charles Norman, *Hartford*
 Kevin Lawrence O'Brien, *Belmont, Mass.*
 Donald Archibald Papa, *Guilford, Conn.*
 Kenneth Joseph Pedini, *West Hartford*
 Robert Edward Perdue, *Bridgeport, Conn.*
 Oliver Perin, *Lutherville, Md.*
 Donald Alexander Pine, *Berryville, Va.*
 William Mecklenburg Polk, *New York, N. Y.*
 Frederick Maurice Pryor, *Boston, Mass.*
 Robert Ernest Raeder, *Millbrook, N. Y.*
 George I. Rand, *Hicksville, N. Y.*
 George Alistair Raymond, *New York, N. Y.*
 Alan Coe Redford, *Collinsville, Conn.*
 Peter Stephen Reinhaller, *Trenton, N. J.*
 Louis Anthony Renza, *Wethersfield, Conn.*
 William Chase Richardson, *Passaic, N. J.*
 Judson Morgan Robert, *Waterbury, Conn.*
 Frederick Bruce Robinson, Jr., *Longmeadow, Mass.*
 Dennis Bruce Rodgers, *Decatur, Ill.*
 John Scott Rodgers, *Plainfield, N. J.*
 Robert Joseph Roxby, *New Britain, Conn.*
 Albert William Rudis, Jr., *Hartford*
 Allan Michael Rudnick, *Brookline, Mass.*
 William Bernard Ryan, *Newington, Conn.*
 Richard Brant Sankey, *Cleveland, Ohio*
 Charles Wesley Sargent, *West Islip, N. Y.*
 William Frederick Sauter, *West Chester, Pa.*
 Louis Fred Scaturro, *Short Hills, N. J.*
 William Palmer Scully, *New York, N. Y.*
 Frank Lewis Sears, II, *Dalton, Mass.*
 Mark Shapiro, *Hartford*
 Stuart Lewis Sharpe, *Delmar, N. Y.*
 George Taft Shaw, *Rowayton, Conn.*
 Richard Gerald Shechtman, *West Hartford*
 Jeffrey Griffing Shely, *Waterford, Conn.*
 Stephen Fisher Short, *Merion Station, Pa.*
 David Whittier Sifton, *New York, N. Y.*
 Frank Clawson Smith, *Greenwich, Conn.*
 Markley Eldridge Smith, *Radnor, Pa.*
 Benjamin Southwick, *Hope, N. J.*
 James Douglas Spencer, *Seekonk, Mass.*
 Shepard Colegrove Spink, *Greenwich, Conn.*
 George Andrew Steinmuller, Jr., *Rumson, N. J.*
 Harrison Crawford Stetler, *Philadelphia, Pa.*
 John Burton Stevens, Jr., *Croton, N. Y.*
 Andrew Turner Stewart, *Norwich, Vt.*
 Philip Rensselaer Stockwell, Jr., *Lancaster, Pa.*
 David Wells Strawbridge, *Villanova, Pa.*
 Paul Ryan Sullivan, *Granville, Mass.*
 James Ross Sweeney, *Webster, Mass.*
 John Laughlin Swope, III, *Garrison, Md.*
 John Christopher Syer, *Pasadena, Calif.*
 Ilhi Synn, *Taegu, Korea*
 Bruce Alden Thayer, *Worcester, Mass.*
 David Dwight Thomas, *Alexandria, Minn.*
 David Paul Traut, *Wethersfield, Conn.*
 William Hutchkins Turner, III, *Ridgewood, N. J.*
 Peter Carmelo Vincenzo, *Meriden, Conn.*

David Allan Wadhams, *West Goshen, Conn.*
 Ralph Ray Warren, *Point Pleasant, N. J.*
 Richard Arthur Werner, *West Hartford*
 James Payton Whitters, *Taunton, Mass.*
 Arthur Henry Wiley, *West Haven, Conn.*
 George Frederick Will, *Champaign, Ill.*
 Frederick Peter Williams, Jr., *Indianapolis, Ind.*
 David Edwards Wilson, *Milwaukee, Wis.*
 Phillip Monroe Wilson, *Westport, Conn.*

Roger Stanley Wilson, *Lodi, N. J.*
 Thomas Ashley Wilson, *Norwich, Conn.*
 Clayton Reid Woodbury, *Islington, Mass.*
 James Donald Woodruff, Jr., *Baltimore, Md.*
 George Muirson Woolsey, *Bethesda, Md.*
 William Alfred Wurts, *Hartford*
 Albert Zakarian, *West Hartford*
 Cummings Vail Zuill, Jr., *Smith's Parish, Bermuda*

CLASS OF 1963

Craig Bailey Adams, *Hartford*
 Albert Andrew Alokones, *Windsor, Conn.*
 John Moody Alvord, *Riverside, Conn.*
 Ernest Joseph Anastasio, *Woodbridge, Conn.*
 Bayard Dick Anderson, *Pittsburgh, Pa.*
 Robert Doan Anning, *Cincinnati, O.*
 Frederick Lincoln Ashworth, Jr., *Bethesda, Md.*
 Jonathan Keniston Bailey, *Amesbury, Mass.*
 Remsen Cross Barnard, IV, *Milford, Del.*
 Roger Lytton Baum, *New York, N. Y.*
 Thomas Robert Berger, *Sunnyvale, Calif.*
 Bruce Lee Berkholtz, *West Bend, Wis.*
 Errol Leon Berman, *Hartford*
 Irwin David Bernstein, *Brooklyn, N. Y.*
 James Franklin Blair, *Ramsey, N. J.*
 Marshall Edward Blume, II, *Northbrook, Ill.*
 Robert Elder Bond, *Louisville, Ky.*
 Robert Brown Booth, *Stamford, Conn.*
 Robert Philip Bordogna, *Havertown, Pa.*
 David Curtis Brackett, *Wayzata, Minn.*
 Deyan Ranko Brashich, *Flushing, N. Y.*
 Wade Thomson Breed, *Lynn, Mass.*
 David Charles Brewster, *New York, N. Y.*
 Richard Coulter Brittain, *Bryn Mawr, Pa.*
 Brian Basil Brooks, *Forestville, Conn.*
 Robert Lindsay Burger, *Hitchcock, Tex.*
 Walter George Burinkas, *New Britain, Conn.*
 Robert Earl Bylin, *Corona, Calif.*
 Thomas Eben Calabrese, *Avon, Conn.*
 Watson Lewis Campbell, *Wynnewood, Pa.*
 Clarence Uri Carruth, III, *Scarsdale, N. Y.*
 Edward George Casey, *Summit, N. J.*
 Richard Sui On Chang, *Honolulu, Hawaii*
 Nicholas Lewarne Childs, *Norristown, Pa.*
 Lee George Chirgwin, *West Hartford*
 Rufus Putnam Coes, Jr., *Longmeadow, Mass.*
 Ralph John Coffman, *Marblehead, Mass.*
 Horace Kellogg Corbin, III, *West Orange, N. J.*
 Phillip Warren Correll, *Benton, Ark.*
 Daniel David Cotta, *Darien, Conn.*
 Stone Douglass Coxhead, *West Orange, N. J.*
 George D. Craig, III, *Deerfield, Ill.*
 George Alexander Creighton, *Gainesville, Fla.*
 John Charles Crowley, *York, Pa.*
 Calvin Wright Dail, Jr., *Darien, Conn.*
 Michael Joseph Daly, *Hartford*

James Lawrence Davison, *Washington, D. C.*
 Laurence Lee Dawson, *Mahopac, N. Y.*
 Peter Michael Densen, *New York, N. Y.*
 Robert Kimball Dickson, *West Hartford*
 Charles Howard Dietrich, *Westport, Conn.*
 Raymond Allen Drate, *Brooklyn, N. Y.*
 Peter Litchfield Dunkle, *Dedham, Mass.*
 Morrill Dunn, III, *Winnetka, Ill.*
 Robert Stewart Ebersold, *Fall River, Mass.*
 Alan Costain Elwell, *Garden City, N. Y.*
 Richard Bradley Emery, *Milton, Mass.*
 Howard Allen Emsley, Jr., *Whitinsville, Mass.*
 Stephen Henry Farrington, *Bronxville, N. Y.*
 Alfred Austin Faxon, III, *Moorestown, N. J.*
 Wesley Vincent Feshler, *Manchester, Conn.*
 Richard Doering Field, *Providence, R. I.*
 Wilfred Collison Files, Jr., *Manchester, N. H.*
 John William FitzGerald, *Kingston, Pa.*
 David King FitzSimons, *Grosse Pointe Farms, Mich.*
 Kenneth Steele Fletcher, III, *Springfield, Mass.*
 Edward Thomas Flynn, Jr., *Unionville, Conn.*
 Samuel Charles Foster, *Manchester, Conn.*
 George William Fox, *Haddonfield, N. J.*
 Thomas Edward Fraser, *Atlanta, Ga.*
 Frank Paul Friedman, *Hartford*
 John Elliott Gaines, *New York, N. Y.*
 William Marble Gale, *Washington, D. C.*
 Robert Wallace Gardner, *Willimantic, Conn.*
 Peter Anthony Giorgio, *Wilson, Conn.*
 Richard Frank Gold, *Salt Lake City, Utah*
 Hiram Richard Gooden, *Balboa, Canal Zone*
 James Coates Goodridge, *Pittsburgh, Pa.*
 Malcolm Smith Graham, *Austin, Tex.*
 George Anthony Guiliano, *Hartford*
 Stephen Hopkins Haarstick, *Villanova, Pa.*
 George Frederick Bashour Haddad, *Hartford*
 William Pierson Hallin, *Newington, Conn.*
 Thomas Condon Halloran, *Storrs, Conn.*
 George Sanford Hambly, *Middletown, R. I.*
 Paul Thomas Hannigan, *Hartford*
 Hunter Bryan Harris, Jr., *Simsbury, Conn.*
 Paul Thomson Haskell, Jr., *Salem, Mass.*
 John Richard Hebel, *Hartford*
 Donald Roger Hersey, *East Hartford*
 Edwin Bruce Hill, III, *Pittsburgh, Pa.*
 Michael Edward Hill, *Springfield, Ill.*
 Stanley Obermann Hoerr, *Cleveland, O.*

- Dwight Holbrook, *New York, N. Y.*
 Albert Edward Holland, Jr., *Greenwich, Conn.*
 David Dennis Holroyd, *Fitchburg, Mass.*
 Jay Barbour Howard, *Fairfield, Conn.*
 William Cowles Howland, *Metuchen, N. J.*
 Raymond Hans Hutch, *West Hartford, Conn.*
 Stephen Tasker Imrie, *Vicksburg, Miss.*
 Charles William Johns, *West Chester, Pa.*
 Clinton Clifford Johnson, *Bloomfield, Conn.*
 Stanley Paul Johnson, *Bloomfield, Conn.*
 Timothy Walter Johnson, *Newington, Conn.*
 Stephen Powell Jones, *Gates Mills, O.*
 Wiley Anderson Jones, Jr., *Baltimore, Md.*
 Peter Truesdell Kane, *Milton, Mass.*
 Elias Harry Karson, *Brattleboro, Vt.*
 Victor Ford Keen, *Pueblo, Colo.*
 John Arnold Kent, *Boston, Mass.*
 Robert Gambrell Kirk, *Great Neck, N. Y.*
 William Gary Knisely, *Fairless Hills, Pa.*
 Robert Chester Knox, III, *West Hartford*
 Thomas Richard Knox, *Alexandria, Va.*
 Walter Edgar Koch, *Richmond Hill, N. Y.*
 Francis William Kollett, *Uxbridge, Mass.*
 Robert Charles Kraut, *New Britain, Conn.*
 Jacob Seymour Kriteman, *Malden, Mass.*
 Richard Lawrence Kroll, *Hartford*
 Robert Hill LaMotte, Jr., *Winnetka, Ill.*
 John Elwood Lamphear, Jr., *Williamstown, Mass.*
 Abraham David Lander, *Derby, Conn.*
 Peter Owen Dewey Landerman, *Hartford*
 Peter Page Langlykke, *Plainfield, N. J.*
 Lewis Martin LeBus, *Lexington, Ky.*
 Michael Swavely Leinbach, *Ocean City, N. J.*
 Timothy Faber Lenicheck, *Shorewood, Wis.*
 Andrew Butler Lewis, *Akron, O.*
 Warren Leonard Linberg, Jr., *Berlin, Conn.*
 Alan Bruce Lippitt, *Norwich, Conn.*
 Carl Burton Lundborg, *West Hartford*
 Stanley Joseph Marcuss, Jr., *Hartford*
 Thomas Charles Marshall, *Newington, Conn.*
 Hunter Marston Marvel, *New York, N. Y.*
 Michael Benjamin Masius, *New York, N. Y.*
 John Rodney Mattison, *West Hartford*
 Albert Touselin Maurice, *Bronxville, N. Y.*
 Thomas Gordon McCord, *Philadelphia, Pa.*
 Donald Edward McCormick, *Hartford*
 Barry Duff McCutcheon, *Glen Ridge, N. J.*
 Robert Merriam McElwain, *Newton Center, Mass.*
 Malcolm Muir McGawn, *West Chicago, Ill.*
 Charles Harry McGill, III, *Easton, Conn.*
 Richard Darroch McGlennon, *Salem, Mass.*
 Eugene Paul Miele, *So. Orange, N. J.*
 Allen Russell Miller, *East Hartford*
 Emmett Emmanuel Miller, III, *Jamaica, N. Y.*
 Paul Robert Milus, Jr., *Wilmington, Del.*
 Charles Jackson Minifie, *New York, N. Y.*
 Steven Jerry Molinsky, *Hartford*
 Dan Tyler Moore, III, *Cleveland Heights, O.*
 Richard James Moore, *Waterloo, Iowa*
 Leland Lyon Moyer, *Wilmington, Del.*
 Robert Mead Murdock, *New York, N. Y.*
 Fred Jay Neulander, *Kew Gardens, N. Y.*
 Martinus Hoffman Nickerson, *Oyster Bay, New York*
 William Freeman Niles, *Mendham, N. J.*
 Richard Charles Nygard, *New Rochelle, N. Y.*
 Brian Hilton Odum, *West Hartford*
 Daniel Lawrence Ostapko, *Norfolk, Conn.*
 Thomas Carr O'Sullivan, *Nazareth, Pa.*
 Robert Hallden Parlee, *West Hartford*
 Stephen L. Perreault, *Pittsfield, Mass.*
 Robert David Perrin, *New York, N. Y.*
 Lee Allen Perron, *Wellesley Hills, Mass.*
 John Henry Pitcairn, *Pittsburgh, Pa.*
 Lockett Coleman Pitman, *Darien, Conn.*
 Michael Andrew Pleva, *Windsor Locks, Conn.*
 Robert James Pope, *Montgomery County, Pa.*
 David Martin Post, *Madison, N.J.*
 Sidney Sayre Quarrier, Jr., *West Hartford*
 Edward Hurst Raff, Jr., *Hartville, Ohio*
 David Allen Raymond, *Waterbury, Conn.*
 William Willis Reese, *Hewlett, L. I., N. Y.*
 Stephen Repetto, *Broad Brook, Conn.*
 Lloyd Lewis Reynolds, *Bala-Cynwyd, Pa.*
 Scott Walton Reynolds, *Mountain Lakes, N. J.*
 Perry Delafield Rianhard, *Middlebury, Conn.*
 John McLemore Richardson, *Greenwich, Conn.*
 Winthrop Horton Richardson, *New Britain, Conn.*
 Rowland Ricketts, *Merchantville, N.J.*
 John Ashmead Robb, *Montclair, N. J.*
 Edwin Herrmann Roberts, Jr., *Philadelphia, Pa.*
 Lawrence Gene Robertson, *Harwinton, Conn.*
 Daniel Raymond Romanos, *West Hartford*
 Robert Benjamin Rubel, *Pittsford, N. Y.*
 John Denniston St. Clair, Jr., *Canton, O.*
 Michael A. Schulenberg, *Red Wing, Minn.*
 Theodore Wiedersheim Scull, *Bryn Mawr, Pa.*
 Wilbur Shenk, III, *Lake City, Pa.*
 Peter Morris Sherin, *Marblehead, Mass.*
 David MacLean Shields, *Old Brookville, L. I., N. Y.*
 Anthony Anthony Sirianni, *Brooklyn, N. Y.*
 Don Gene Smith, *Bradford, Ill.*
 Richard Birney Smith, *Kansas City, Mo.*
 Thomas Howe Smith, *Hastings-on-Hudson, N. Y.*
 Kenneth Alden Southworth, *Millburn, N. J.*
 Robert Clark Spitzer, *River Forest, Ill.*
 Peter Cooper Stanley, *Lake Forest, Ill.*
 Brewster Stetson, Jr., *Duxbury, Mass.*
 Kenneth Austin Stevens, *Swansea, Mass.*
 Charles Theodore Stier, *Sioux Falls, S. D.*
 Robert Lewis Streisand, *Great Neck, N. Y.*
 Gray Carroll Stribling, Jr., *St. Louis, Mo.*
 John Andrew Szumczyk, *West Hartford*

William Richmond Talbot, Jr., *Philadelphia, Pa.*
 Mansfield Kirby Talley, Jr., *Westminster, Md.*
 Charles Luther Tate, *Agawam, Mass.*
 Don Fairfax Taylor, *Silver Spring, Md.*
 Harvey Winton Thomas, Jr., *Colchester, Conn.*
 Jonathan Tiefenbrun, *New York, N. Y.*
 William James Tozer, *Salt Lake City, Utah*
 Edison Jean Trickett, *Washington, D. C.*
 Stephen Howard Tucker, *Forest Hills, N. Y.*
 Richard Dean Tuttle, *Roselle, N. J.*
 Robert Randolph Tyndall, *Woodmere, L. I., N. Y.*
 Richard Werner Ulbrich, *Wellesley Hills, Mass.*
 Harold Kirby Vickery, Jr., *West Boylston, Mass.*
 Winfield George Viering, *Collinsville, Conn.*
 Peter Frederick Von Starck, *Bryn Mawr, Pa.*
 John Spalding Waggett, *Mexico, Mo.*
 Theodore Anstay Wagner, *Bryn Mawr, Pa.*

Charles Mead Ward, *Buffalo, N. Y.*
 John Waller Wardlaw, Jr., *Raleigh, N. C.*
 Stephen Shepard Washburne, *Oceanport, N. J.*
 John Davis Watson, *Pelham, N. Y.*
 Robert Thompson Watt, *Groveland, Mass.*
 David Hammond Webster, *Bristol, Conn.*
 Kurt Albin Wetzel, *Hartford*
 Richard Wendell Wheelock, *Rancho Santa Fe, Calif.*
 Nicholson Barney White, *Leesburg, Va.*
 James Donald Whitehill, *Bloomfield, Conn.*
 Henry Curtis Whitney, *Argentina*
 David Overlock Wicks, Jr., *Waban, Mass.*
 Gerald Alan Winer, *West Hartford*
 Donald Chester Winfield, *Tenafly, N. J.*
 Samuel David Winner, *Hatboro, Pa.*
 Ronald Walker Wright, *Hartford*
 Theodore Anthony Wright, *Prospect, Conn.*
 Stephen Hinman Yeaton, *Skowhegan, Me.*
 Stanley Anders Yocom, Jr., *Philadelphia, Pa.*
 Cyril Yonov, *Sea Cliff, N. Y.*
 Ihor Zachariasewycz, *Hartford*
 Robert Zimmerman, *Suffield, Conn.*

CLASS OF 1964

Victor Allen Adelstein, *West Hartford*
 David John Ahlgren, *New Britain, Conn.*
 Ralph Waldo Allen, *Melrose, Mass.*
 Alan Norman Anderson, Jr., *Hingham, Mass.*
 Michael Phineas Anderson, *New York, N. Y.*
 Robert Stephen Anderson, *West Hartford*
 Allan S. Atherton, *Louisville, Ky.*
 Kenneth Richard Auerbach, *Rye, N. Y.*
 William Henry Avery, II, *Washington, D. C.*
 John Keith Bailey, *Sarasota, Fla.*
 Harding Foster Bancroft, Jr., *New York, N. Y.*
 Gerry Melvin Baran, *Bristol, Conn.*
 William James Barnes, III, *Wilmington, Del.*
 Robert Ernest Bennett, *Wheaton, Ill.*
 Edson Lee Blackman, *Bloomfield, Conn.*
 Rufus Wilder Blocksidge, *Pittsburgh, Pa.*
 Richard Donald Bloomstein, *Summit, N. J.*
 Lawrence Stephen Blumberg, *Teaneck, N. J.*
 Arthur Bobruff, *West Hartford*
 Peter Holland Bogert, *Oreland, Pa.*
 George William Bois, *Bloomfield, Conn.*
 James Pickney Borden, *Media, Pa.*
 Lewis Mercer Borden, *Englewood, N. J.*
 Laurence David Bory, *Levittown, N. Y.*
 Ronald Valerian Bosch, *New Britain, Conn.*
 Bruce James Bowen, *Chevy Chase, Md.*
 William Thompson Bowie, *Wilmington, Del.*
 Michael Francis Boyle, *Hartford*
 Ronald Earl Brackett, *Decatur, Ill.*
 William Badeau Bragdon, *Fanwood, N. J.*
 Richard Pigeon Brainerd, *Hartford*
 Steven Robert Bralove, *Washington, D. C.*
 William Morton Brandt, *Bridgeport, Conn.*

Jeffrey Hunt Brasfield, *Staten Island, N. Y.*
 Bruce D. Bridegroom, *Kenilworth, Ill.*
 Howard Haines Brown, III, *S. Glastonbury, Conn.*
 Richard Thomas Brown, *Waterbury, Conn.*
 William Harlan Bucknell, *Windsor, Conn.*
 Alfred Christian Burfeind, *Plainfield, N. J.*
 William Whitehead Burnham, *Watertown, Conn.*
 John Morrison Burton, *Oklahoma City, Okla.*
 Malcolm Osborne Campbell, Jr., *Westerly, R. I.*
 William Finch Campbell, Jr., *Philadelphia, Pa.*
 Peter Nino Casadei, *Litchfield, Conn.*
 David Russell Case, *Poquonock, Conn.*
 James David Casson, *Torrington, Conn.*
 Robert Frederick Chagnot, *Torrington, Conn.*
 Barry Wallace Champany, *Windsor, Conn.*
 Jeffrey Frazer Chandor, *Basking Ridge, N. J.*
 John Hastings Chatfield, *Bradford, Vt.*
 John Horace Churchman, Jr., *Lafayette Hill, Pa.*
 Donald John Cimilluca, *New York, N. Y.*
 Beverly Nix Coiner, *Paris, France*
 Thomas Edward Cone, III, *Bethesda, Md.*
 Edward Alan Corris, *Providence, R. I.*
 William Donald Edward Coulson, *Richmond, Va.*
 Douglas Wheelock Craig, *New Rochelle, N. Y.*
 Timothy Heywood Crawford, *Essex, Conn.*
 John Player Crosby, *New York, N. Y.*
 David Lee Curry, *Springfield, Ill.*

- William Cornelius Daley, Jr., *Chagrin Falls, Ohio*
 Kenneth Banta Dalzell, *Moundsville, W. Va.*
 John Wyness Day, *Tulsa, Okla.*
 Michael Dearington, *Danielson, Conn.*
 Richard Albert DeMone, *Quincy, Mass.*
 David Anthony Denby, *Bristol, R. I.*
 Gerald Maurice Deneault, *New Bedford, Mass.*
 Laurent Christophe Deschamps, *Stone Harbor, N. J.*
 James Laird deVou, *Pittsburgh, Pa.*
 Michael Walters Dols, *Baltimore, Md.*
 Douglas Lynn Drynan, *Albany, Ore.*
 Donald Alan Durkee, *Hartford*
 Edward Linskill Warren Ehart, *Norwalk, Conn.*
 Douglas William Ehrhardt, *Jackson Heights, N. Y.*
 Kenneth Daniel Elder, *Poquonock, Conn.*
 Ward Burselson Ewing, *Knoxville, Tenn.*
 Steven Ira Fein, *Whitestone, N. Y.*
 Bertram Elliot Feingold, *Manchester, Conn.*
 Robert Feinschreiber, *Brooklyn, N. Y.*
 Michael Alex Feirstein, *Jamaica, N. Y.*
 William Paul Ferguson, *Philadelphia, Pa.*
 John Nelson Fenrich, Jr., *South Orange, N. J.*
 James Enrico Ferrara, *Vineland, N. J.*
 Vincent Fiordalis, II, *Shaker Heights, Ohio*
 Kenneth Elton Fish, Jr., *Warwick, R. I.*
 Kirk Thomas Foley, *Simsbury, Conn.*
 Jeffery Foster, *Milwaukee, Wisc.*
 Charles Tappan Francis, *Dover, Mass.*
 Geoffrey Taylor Freeman, *Dover, Mass.*
 Lawrence Michael Friedman, *Bayside, N. Y.*
 Bruce Woodward Frier, *Naperville, Ill.*
 David Holt Galaty, *LaGrange, Ill.*
 Alden Ralph Gardner, *Attleboro Falls, Mass.*
 Christopher Tait Gilson, *Geneva, Switzerland*
 Kenneth Robert Goldberg, *Hartford*
 John Reed Gordon, *Pittsburgh, Pa.*
 Charles Lewis Grant, *Kearny, N. J.*
 Robert Scott Gregory, *Vashon, Wash.*
 Michael Grossman, *Neponsit, N. Y.*
 Richard Carter Hallowell, *North Easton, Mass.*
 Charles Frederick Hamblen, *Gales Ferry, Conn.*
 Jonathan Lee Haring, *Wilmette, Ill.*
 David Bruce Harrison, *Queens Village, N. Y.*
 Henry W. Haslach, Jr., *Lake Forest, Ill.*
 Wilbur Everett Hawthorne, Jr., *Burnt Hills, N. Y.*
 Peter Kyle Hayes, *Washington C.H., Ohio*
 Edwin Michael Heid, *Washington, D. C.*
 John Mortimer Heldt, *Woodmere, N. Y.*
 David Andrew Hemphill, *Evanston, Ill.*
 Frederick Charles Herdeen, *Hicksville, N. Y.*
 Robert William Hevner, *Gladwyne, Pa.*
 Howard Clark Hirschmann, *Flushing, N. Y.*
 Peter Gilbert Hodges, *Cleveland Heights, Ohio*
 David Benjamin Horowitz, *New Haven, Conn.*
 Harrison Hibbert Huntoon, *Providence, R. I.*
 John Christopher Hussey, *Washington, D. C.*
 John Harold Hutchins, Jr., *Hastings-on-Hudson, N. Y.*
 Albert David Hutzler, III, *Pikesville, Md.*
 Michael Worcester Ingram, *Somers, Conn.*
 Francis Brinton Jacobs, *West Chester, Pa.*
 Lawrence Stearns James, II, *Rye, N. Y.*
 Edward Ephriam Jenkins, *Clifton, N. J.*
 Bruce Edwin Johnson, *Watertown, Conn.*
 Thomas Phelps Jones, III, *Kennebunkport, Me.*
 John Paul Kadlic, *Springfield, N. J.*
 Sidney Robert Katz, *Jersey City, N. J.*
 George Andrew Kellner, *Hollis Hills, L. I., N. Y.*
 Arthur Lee Kinsolving, Jr., *New York, N. Y.*
 Frank Gloyd Kirkpatrick, *Charleston, W. Va.*
 Bruce Trenchard Klein, *Wayzata, Minn.*
 Charles Rodger Klotz, *Woodcliff Lake, N. J.*
 Stephen Laurence Knapp, *Washington, D. C.*
 John N. Knight, *Monroe, N. Y.*
 William Richard Koretz, *Highland Park, Ill.*
 Richard Warren Krone, *Jamaica, N. Y.*
 David Edward Ladewig, *Ridgefield, Conn.*
 Stephen Ellis Landay, *Pittsburgh, Pa.*
 James Alan Lapenn, *Lynn, Mass.*
 Barry John Leghorn, *Hartford*
 Robert Douglas Leonard, *Manasquan, N. J.*
 Donald Holt Levy, *New York, N. Y.*
 William John Linn, *Hartford*
 Donald H. Lintz, *Shaker Heights, Ohio*
 Kiau Moi Loi, *Singapore*
 Jerome Michael Lutin, *Hartford*
 Robert Bruce MacDougall, *Washington, D. C.*
 Peter Fearing Mackie, *Summit, N. J.*
 Carl Michael Malm, *Rochester, N. Y.*
 Bryan Anthony Marmesh, *Austin, Minn.*
 Joseph Richard Martire, *Teaneck, N. J.*
 Charles Ronald Mather, Jr., *Essex Falls, N. J.*
 Franklin Winfield McCann, *Pound Ridge, N. Y.*
 Michael Edward McGurkin, *Wethersfield, Conn.*
 John Gibson McIntire, *Philadelphia, Pa.*
 Thomas Boyd McKune, *Peoria, Ill.*
 Donald Lewis McLagan, *Manchester, Conn.*
 Christopher John McNeill, *Manchester, Conn.*
 Gary Willard McQuaid, *Oceanport, N. J.*
 John Peter Melrose, *White Plains, N. Y.*
 Andrew Curtis Merryman, IV, *Oakland, Cal.*
 Samuel Livingston Millbank, *New York, N. Y.*
 Fred Raymond Miller, *Scarsdale, N. Y.*
 Robert Carmi Miller, Jr., *Elgin, Ill.*
 Sterling Pile Miller, *Jericho, N. Y.*
 William Minot, Jr., *Wareham, Mass.*
 Robert Huffman Mitchell, *Dayton, Ohio*
 John Justin Moeling, *Camden, Me.*
 Thomas Joseph Monahan, *Fairfield, Conn.*
 James Robley Moor, Jr., *Stafford, Pa.*

John Tush Morris, Jr., *Saddle River, N. J.*
 Edward John Mosher, *Rochester, N. Y.*
 Philip Cadwell Murphy, *West Hartford*
 Gilbert Lee Nelson, *New Brunswick, N. J.*
 William Woodruff Niles, III, *Idaho Springs, Colo.*

William Bennett Notman, *Marion, Mass.*
 John Anthony Ogden, *Springfield, Ill.*
 Peter Dunlopp Orr, *Amsterdam, N. Y.*
 Terry Ole Oulundsen, *West Hartford*
 Zigmond Frank Pabich, *Hartford*
 Brooks Ripley Palmer, *Chevy Chase, Md.*
 Kenneth Wayne Parsons, *Sayville, N. Y.*
 Richard Edward Pastore, *Eastchester, N. Y.*
 Bruce August Pavlech, *Berlin, Conn.*
 John Ralph Pearson, *Evanston, Ill.*
 Robert Lawrence Peck, *Binghamton, N. Y.*
 Francis Baring Peckham, Jr., *Ridgefield, Conn.*

Theodore Tyler Pettus, *St. Louis, Mo.*
 George FitzRandolph Plass, Jr., *Riverside, Conn.*

Jon Ramsey Powell, *New York, N. Y.*
 Harry Del Pratt, *Alton, Ill.*
 David Finlay Pyle, *Washington, D. C.*
 Arthur James Querido, *Hartford*
 Ronald Joseph Quirk, *Forestville, Conn.*
 Juri Randmaa, *Hartford*

James Arthur Ratches, *Hartford*
 Richard Joseph Ravizza, *West Hartford*
 Wilson Allen Riley, *West Hartford*
 Samuel Robert Rimer, *Marblehead, Mass.*
 Edward Pierce Roberts, Jr., *South Hamilton, Mass.*

Robert Dennis Rodner, *Bronx, N. Y.*
 Charles Joseph Roncaioli, *Collinsville, Conn.*
 Myron Rosenthal, *West Hartford*
 James Clark Rowan, Jr., *Abington, Pa.*
 John Charles Rowlett, *Oklahoma City, Okla.*
 Richard Jarrett Rushmore, Jr., *Florham Park, N. J.*

Robert Alan Sachs, *Jamaica, N. Y.*
 Daniel Asher Saklad, *Belmont, Mass.*
 Robert John Sanzo, *Hartford*
 Peter Jay Schaefer, *Strafford, Pa.*
 Fred Ernest Schaltegger, *New Milford, Conn.*
 Robert Bennett Schilpp, *Wayne, Pa.*
 Richard Bernard Schiro, *Greenwood, S. C.*
 Robert Carl Schwartz, *West Hempstead, N. Y.*

Donald Linn Schwennesen, *Haverford, Pa.*
 David Cameron Scott, *Princeton, N. J.*
 David MacLean Shields, *Old Brookville, N. Y.*

Thomas John Shortell, *Hartford*
 Walter John Sidor, Jr., *West Hartford*
 Richard Jay Siegel, *Denver, Colo.*

Edward R. Silansky, Jr., *West Hartford*
 Lawrence Jay Silver, *Hartford*
 Thomas Wesley Singleton, *Danielson, Conn.*
 Joseph John Sinicrope, *Hartford*
 Ian Roger Smith, *Annapolis, Md.*
 Carl Michael Sommer, *Mystic, Conn.*
 James Ronald Spencer, *St. Michaels, Md.*
 Robert Acheson Spencer, *Pittsburgh, Pa.*
 John Snowden Stanley, Jr., *Baltimore, Md.*
 Alfred Steel, Jr., *Philadelphia, Pa.*
 Bruce Lawrence Stevens, *Baldwin, N. Y.*
 Kenneth Austin Stevens, *Swansea, Mass.*
 Thomas Craig Stevens, *Kenilworth, Ill.*
 Charles Gilbert Storms, *Midland Park, N. J.*
 Richard Brooks Stowell, *San Francisco, Cal.*
 Donato Amedeo Strammello, *Hartford*
 Robert Orkney Stuart, *Wethersfield, Conn.*
 Malcolm Clarence Sweet, *Jewett City, Conn.*
 Wilson Henry Taylor, *Windsor Locks, Conn.*
 James Edward Tetro, *Bristol, Conn.*
 Jeffrey Paul Thomases, *Englewood, N. J.*
 George Lincoln Tisdale, *Winchester, Mass.*
 Charles Edgar Todd, *Easton, Md.*
 David Weller Tompkins, *Suffield, Conn.*
 Michael Norris Tousey, *Park Forest, Ill.*
 David Hathaway Tower, *Darien, Conn.*
 Richard Hilton Towle, *Warwick, R. I.*
 Daniel Stephen Tuft, *Denver, Colo.*
 James Scott Twerdahl, *Barrington, Ill.*
 Edmund Stairs Twining, III, *Huntington, N. Y.*

Daryle Lee Uphoff, *Minonk, Ill.*
 Robert Valentine Voorhees, *Bethlehem, Pa.*
 Thomas Smith Wadlow, Jr., *Old Lyme, Conn.*
 David Vincent Wadsworth, *East Chatham, N. Y.*

Alan Baker Wallace, *Edwardsville, Ill.*
 John Gaines Warner, *Milwaukee, Wis.*
 Keith Stuart Watson, *Bronxville, N. Y.*
 Bruce A. Waxman, *Oreland, Pa.*
 Morrie Greene Weaver, *Perrysburg, Ohio*
 Jesse Jay Wellen, *Brentwood, N. Y.*
 Robert Karch Wenger, *West Hartford*
 Raymond Alan Wertheim, *Philadelphia, Pa.*
 John Leigh Westney, Jr., *New York, N. Y.*
 Charles Dana White, *New Canaan, Conn.*
 Albert Creighton Williams, *Chestnut Hill, Mass.*

Thomas Becker Wiltbank, *Glen Head, N. Y.*
 Kenneth Malcolm Wiltsek, *Crestwood, N. Y.*
 Gilbert Paul Winter, *Port Washington, N. Y.*
 John Hall Witherington, Jr., *Cranford, N. J.*
 Arnold Seton Wood, *Marblehead, Mass.*
 David Clark Woolman, *Providence, R. I.*
 Ronald Edward Yates, *Warwick, R. I.*
 Malcolm Sprague Zickler, *West Hartford*
 Otto Zinser, *Hartford*

CLASS OF 1965

Jeffrey Klein Abrams, *West Orange, N. J.*
 Robert Mason Arensman, *Harrisburg, Ill.*
 David Salter Arms, *Shaker Heights, Ohio*

Richard Evans Arscott, *Strafford-Wayne, Pa.*
 Frederick Christopher Arterton, *Washington, D. C.*

- David Auchincloss, *New York, N. Y.*
Stanley Lewis Bagan, *Salem, N. J.*
Edward Everett Baker, Jr., *Larchmont, N. Y.*
Robert William Bangert, Jr., *Mount Vernon, Ill.*
Bernard Andrew Barber, *New York, N. Y.*
James Avery Bard, *Watertown, S. D.*
Jon Wayne Barker, *Larchmont, N. Y.*
David Sanford Barkley, *Racine, Wis.*
Joseph Barnard, II, *Elizabeth, N. J.*
Bruce Jonathan Basch, *West Hartford*
Richard Palmer Beck, *Wilmington, Del.*
Robert David Beck, *Salt Lake City, Utah*
Norman James Beckett, Jr., *Annandale, Va.*
Park Benjamin, III, *Glen Cove, N. Y.*
Steven Howard Berkowitz, *Ansonia, Conn.*
Roger Michael Bernstein, *Hewlett Harbor, N. Y.*
Richard Hobart Beyer, *Bryn Mawr, Pa.*
James Schock Bishop, *Phoenixville, Pa.*
Charles Melbourne Bliss, Jr., *Northfield, Ill.*
Peter Hogan Bohn, *Rock Island, Ill.*
Frederick Herbert Born, *New York, N. Y.*
Gordon Hallam Boulton, *Greenwich, Conn.*
William Ernest Bowers, *Almonesson, N. J.*
William Ashbel Brigham, *Tuxedo Park, N. Y.*
Rodney H. Brown, *Philadelphia, Pa.*
Thomas Ames Brown, *Summit, N. J.*
Richard Alden Burr, *Darien, Conn.*
Thomas Dudley Burr, *Grand Rapids, Mich.*
Timothy Paul Bushnell, *East Hartford*
Robert Charles Camp, *Akron, Ohio*
Lesley Sawyer Campbell, Jr., *Medford, Mass.*
Leonard Hamilton Candee, *Watertown, Conn.*
Nick Cantor, *Elkins Park, Pa.*
William Rice Cargill, *Highland Park, Ill.*
Roland Robert Carlson, *Torrington, Conn.*
David Clayton Carrad, *Smokerise, N. J.*
Edward William Chapin, *Catonsville, Md.*
Thomas Matthew Chappell, *Uxbridge, Mass.*
William Herbert Chew, III, *Woodbury, N. J.*
Danny Spencer Clark, *Kearny, N. J.*
John Kay Clement, *Haverford, Pa.*
Samuel Chase Coale, V, *Berlin, Conn.*
Edward Montgomery Conover, *Somerville, N. J.*
Dexter Sturgis Cook, *North Plainfield, N. J.*
Charles Laurence Cooper, *Newtown Square, Pa.*
George Myer Coryell, Jr., *Rochester, N. Y.*
Albert Harrison Crane, III, *Bloomfield, Conn.*
Robert Charles Crays, Jr., *Fairfield, Conn.*
Arthur Thomas Curren, Jr., *Weston, Conn.*
Robert Virgil Davison, *Pittsburgh, Pa.*
Robert Lewis Dawson, *Rio De Janeiro, Brazil*
Robert Ely DePietro, Jr., *East Hartford*
David Sanford Deutsch, *Greenwich, Conn.*
Orville Culbertson Dewey, Jr., *Malvern, Pa.*
Lucien Paul DiFazio, Jr., *Wethersfield, Conn.*
Richard Donald Doorley, *Dunellen, N. J.*
Fredrick Karl Duenniebler, *Rochester, N. Y.*
Richard Galbraith Dunlop, *Bryn Mawr, Pa.*
Samuel Besson Earnshaw, *Sumner, Md.*
Gayfree Barney Ellison, *New Martinsville, W. Va.*
John Hamilton Ellwood, *Cedar Rapids, Iowa*
Andrew Hedler Fairfield, *Annapolis, Md.*
Sanford A. Fidell, *Westport, Conn.*
James Danielly Finley, Jr., *Red Bank, N. J.*
Louis Edward Fitzner, Jr., *New Rochelle, N. Y.*
Joseph Francis Formeister, *West Hartford*
William Hamilton Frackelton, Jr., *Milwaukee, Wis.*
Donald Freedson, *Marblehead, Mass.*
Jon William Herold Gabriell, *Bound Brook, N. J.*
Thomas Edward Galvin, *Cleveland Heights, Ohio*
Edward Phillip Gamson, *Highland Park, Ill.*
Richard George Gann, *West Hartford*
Donald Alfred Garofolo, *Hartford*
Thomas Arthur Garson, *New York, N. Y.*
Royal John Gay, *New Britain, Conn.*
Philip Henry Geetter, *West Hartford*
William Henry Gish, III, *Westport, Conn.*
Steven Warner Golann, *Hollis, N. Y.*
Joseph Goldberg, *Hartford*
Richard James Goodwin, *New Hartford, Conn.*
Richard David Gould, *West Hartford*
Robert Edward Graham, *Syracuse, N. Y.*
John Barton Gray, *Waterford, Conn.*
David Joseph Graybill, *Abington, Pa.*
Stephen Fernell Green, *Clifton, N. J.*
William Pemberton Gregg, Jr., *Havertown, Pa.*
Russell Morgan Griffin, *Tyngsboro, Mass.*
Daniel Carstens Guenther, *New York, N. Y.*
Richard Charles Hallcher, *Rockville, Conn.*
Charles Ellis Hance, *Little Silver, N. J.*
Edward Thomas Hansen, *Hartford*
Robert Winfield Hartman, *South Orange, N. J.*
George Edouard Hemmerle, *New York, N. Y.*
Ernest Singleton Hendry, *Arlington, Va.*
Frederick Kahler Henrich, *Snyder, N. Y.*
Thomas Calvin Henry, *Short Hills, N. J.*
Thomas Jack Henry, Jr., *New York, N. Y.*
Lindsay Coates Herkness, III, *Lawrence, N. Y.*
Mark Hobson, *Southington, Conn.*
Sewall Kemp Hoff, *Westminster, Md.*
Daniel Hoffman, *West Hartford*
Peter B. Hollenbeck, *Springfield, Ohio*
David Henry Holmes, *Farmington, Conn.*
Creighton Russell Hooker, *Katonah, N. Y.*
Philip Karl Hopke, *East Meadow, N. Y.*
Henry Holt Hopkins, *Baltimore, Md.*
David Raymond Hornfischer, *Torrington, Conn.*
David Piersen Horstick, *Eau Claire, Wis.*
Robert Michael Hurwitz, *Wyncote, Pa.*
Louis Anthony Huskins, *Hempstead, N. Y.*
John T. Jaeger, Jr., *Cleveland Heights, Ohio*
Thomas Borden Bradford Jansen, *Dedham, Mass.*

- David Bruce Jarman, *East Orange, N. J.*
 Bruce Allen Jay, *Mamaroneck, N. Y.*
 Samuel Lincoln Jenkins, *Chicago, Ill.*
 Allen Jones Jervey, *Shelby, N. C.*
 John Persinger Jewett, *Plainfield, Ill.*
 Mark Edwin Johnson, *Seattle, Wash.*
 John David Joralemon, *Medina, N. Y.*
 Mark Eric Josephson, *West Englewood, N. J.*
 Jan Marc Kadyk, *Oklahoma City, Okla.*
 Alan Kardon, *Staten Island, N. Y.*
 Ralph Vern Katz, *Jersey City, N. J.*
 Thomas James Kelly, *Anchorage, Alaska*
 Ward Trowbridge Kelsey, *Berkeley Heights, N. J.*
 Randolph Charles Kent, *Washington, D. C.*
 Peter Kinzler, *Scarsdale, N. Y.*
 Richard MacAlester Kirby, *Cynthiana, Ky.*
 Peter Jonathan Knapp, *West Hartford*
 Andrew Elliot Koepfel, *Hewlett, N. Y.*
 Donald Lee Kolb, *Philadelphia, Pa.*
 Diethard Kolewe, *Belvidere, Ill.*
 Ridge Hamilton Kunzel, *San Diego, Calif.*
 Philip George Lambert, *Simsbury, Conn.*
 Theodore Paul Langlois, *Hartford*
 Robert Bennett Lapham, *London, S.W.1, England*
 Rush Vincent LaSelle, *Altadena, Calif.*
 Edward James Lazerini, *Windsor, Conn.*
 Stephen Bacon Lee, Jr., *F.P.O., N. Y.*
 John Wesley Lemega, *Hartford*
 Geoffrey Josiah Letchworth, III, *East Aurora, N. Y.*
 James Gordon Levine, *New York, N. Y.*
 Jerome Harvey Liebowitz, *Fair Lawn, N. J.*
 Henry Arthur Lindert, *Milwaukee, Wis.*
 Eric Thornton Lodge, *Placentia, Calif.*
 Vincent Salvatore Lombardo, *Hartford*
 Charles Bradford Lorch, *Rockford, Ill.*
 John William Losse, *Salt Lake City, Utah*
 Mark Raymond Lowenthal, *West Hartford*
 James David Lubitz, *Groton, Conn.*
 Raymond Chauncey Lynch, *Cedarhurst, L. I., N. Y.*
 Malcolm Cook MacPherson, *Yalesville, Conn.*
 David William Madsen, *Darien, Conn.*
 John Holmes Makin, *Charlton City, Mass.*
 Chedomir Jovan Markovich, *Ossining, N. Y.*
 Robert Halton Mason, *Summit, N. J.*
 Peter Wells McCalmont, *Cincinnati, Ohio*
 Bruce Wallace McClenahan, *Philadelphia, Pa.*
 Joe Robert McDaniel, *Decatur, Ill.*
 Renwick Smedberg McIver, Jr., *Rosemont Pa.*
 John J. S. Mead, Jr., *Waccabuc, N. Y.*
 Richard George Meck, *Windsor Locks, Conn.*
 Charles Edward Meech, *Wayzata, Minn.*
 Christian Karl Messenger, *Maplewood, N. J.*
 Eric Barton Meyers, *Scarsdale, N. Y.*
 Lohring Sherman Miller, *Meadville, Pa.*
 Robert George Mitchell, Jr., *Woodside, Calif.*
 Joseph Gordon Moore, *New York, N. Y.*
 Stevenson Demuth Morgan, *Tuxedo Park, N. Y.*
 Robert Fredric Morisse, *Queens Village, N. Y.*
 Brian Marshall Moroze, *New Rochelle, N. Y.*
 William Byron Morrison, *Wellesley Hills, Mass.*
 Richard Field Mott, II, *Far Hills, N. J.*
 Sebastian Mozzicato, *Hartford*
 Cathrew Michael Mseka, *Zomba, Nyasaland*
 Allen Rowe Nielsen, *West Hartford*
 Joseph Cobham Noyes, III, *Shaker Heights, Ohio*
 Peter Wakelin Oldershaw, *Holyoke, Mass.*
 David O'Neil, *Cos Cob, Conn.*
 John Joseph O'Neil, *Fair Haven, N. J.*
 Rex William Orbell, *Philadelphia, Pa.*
 Joseph George Ornato, *Hamden, Conn.*
 Vincent Walter Osowecki, Jr., *Windsor, Conn.*
 William Lamar Parham, *Atlanta, Ga.*
 John Andrew Parlin, III, *Cincinnati, Ohio*
 Jerry Edwin Parrish, *Houston, Tex.*
 Philip Samuel Parsons, *Tallahassee, Fla.*
 Brewster Barlow Perkins, *Plainfield, N. J.*
 Gary Oliver Perry, *Methuen, Mass.*
 Howard Charles Petersen, Jr., *Radnor, Pa.*
 Kenneth David Phelps, Jr., *Severna Park, Md.*
 Patrick Gentry Pierce, *Beaverton, Ore.*
 Frederick Howland Pollard, *Wilmington, Del.*
 Riess William Pottersveld, *Shorewood, Wis.*
 Peter Sartell Prentice, *West Hempstead, L.I. N. Y.*
 Robert McKee Price, *Hartford*
 Frederick Charles Prillaman, *Bloomington, Ill.*
 David Lionel Rawlings, *Port Washington, N. Y.*
 David Raymond Rebmann, *Unionville, Conn.*
 William Edward Reyburn, *Sedalia, Mo.*
 Kimzey Williamson Rhine, *Collingswood, N. J.*
 William Sidney Richards, *Yalesville, Conn.*
 Alexander Edwin Richardson, *Cleveland Heights, Ohio*
 John Eastburn Richardson, II, *New Milford, Conn.*
 George Cooke Robinson, *Grosse Pointe, Mich.*
 Louis Michael Rogow, *Bayonne, N. J.*
 Brendon Peter Rohman, *West Hartford*
 James McGregor Roosevelt, *Springfield, Pa.*
 Edward Crawley Rorer, *Philadelphia, Pa.*
 Warren Nathan Rosenfeld, *Rockville Centre, N. Y.*
 Richard Roth, *East Longmeadow, Mass.*
 Harvey Roger Royce, *Minneapolis, Minn.*
 John Michael Rozett, *Summit, N. J.*
 Ousman Ahmadou Sallah, *Bathurst, Gambia*
 Thomas Samph, *Philadelphia, Pa.*
 John E. Sawicki, *Meriden, Conn.*
 Frederick Carl Schumacher, *Clayton, Mo.*
 Walter Raymond Seibert, Jr., *Darien, Conn.*
 Kurt William Selchow, *Thomaston, Conn.*
 Bradley Harvey Sevin, *New Haven, Conn.*

Thomas Francis Shea, *Natick, Mass.*
 Leon Gustave Shilton, *Philadelphia, Pa.*
 Harvey Fox Silverman, *Hartford*
 Jon David Simonian, *New Britain, Conn.*
 Paul Michael Skret, *Unionville, Conn.*
 Andrew Donnan Smith, *North Plainfield, N. J.*
 Joshua Avery Smith, III, *Pocomoke City, Md.*
 Karl Garthwaite Smith, *Santa Monica, Calif.*
 Richard Austin Smith, Jr., *Port Washington, N. Y.*
 Thomas Steele Snedeker, *Cold Spring Harbor, N. Y.*
 Michael Somma, *Morris, Conn.*
 David Rhoads Sotter, *Pottstown, Pa.*
 Otho Sprague, Jr., *Chicago, Ill.*
 Robert Jonathan Stansfield, *Berlin, Conn.*
 Ronald Corwin Steele, *Maplewood, N. J.*
 Henry Frank Stocck, Jr., *Deep River, Conn.*
 Jonathan Lavery Stolz, *Wyomissing, Pa.*
 James Clifton Stone, III, *Louisville, Ky.*
 Robert Richard Stroud, Jr., *Maplewood, N. J.*
 Peter Andrew Sturrock, *Philadelphia, Pa.*
 Dan Calvin Swander, III, *Cleveland, Ohio*
 Robert Birger Talbert, *Claremont, N. H.*
 Thomas Heyward Taylor, *Brookline, Mass.*

Jon Michael Tempas, *LeSueur, Minn.*
 Joel Tice Thomas, *Columbus, Ohio*
 Kenneth Albert Thoren, Jr., *Windsor, Conn.*
 Robert Charles Tomford, *Merrick, N. Y.*
 John Sutherland Urbanetti, *Manchester, Conn.*
 Arvine Timothy Wales, *Old Lyme, Conn.*
 William Dean Wallace, Jr., *Syracuse, N. Y.*
 Robert Clark Wallis, *Cynwyd, Pa.*
 Richard Jones Ward, *New Haven, Conn.*
 Woods Kenneth Wellborn, *Alvin, Tex.*
 Thomas Edmund Wells, IV, *Lake Forest, Ill.*
 George Blunt Wendell, Jr., *Westfield, N. J.*
 Thomas Whalen, *West Hartford*
 Bruce David White, *New Rochelle, N. Y.*
 Jeffrey Philip White, *Canton, Ohio*
 David Owen Williams, *Philadelphia, Pa.*
 James Norman Williams, Jr., *Jeffersonville, Ind.*
 James Lee Woodcock, *Towson, Md.*
 David Crane Woodruff, *Baltimore, Md.*
 Thomas Bell Woodworth, *Birmingham, Mich.*
 Arthur Ervis Woolfson, *Hartford*
 Merrill Andrew Yavinsky, *Hartford*
 Paul Rhoads Zimmerman, *Nashville, Tenn.*

FIFTH-YEAR ENGINEERING STUDENTS

Donald Paul Anderson, *Manchester, Conn.*
 Christopher Alan Hodges, *Agawam, Mass.*

Frank Peter Urban, Jr., *Hartford*
 Peter Kay Windesheim, *West Hartford*

SPECIAL STUDENTS

Samuel Bailey, IV, *Paoli, Pa.*
 Bruce Kirkwood Brown, Jr., *Norway, Maine*
 Jean Marc Droulers, *Paris, France*

Michael Ira Friedman, *Leonia, N. J.*
 Morton R. Tracy, *Manchester, Conn.*

ENROLLMENT FIGURES FOR 1961-1962

(As of October 15, 1961)

Class of 1962	226
Class of 1963	235
Class of 1964	270
Class of 1965	272
Special	5
5th Year Engineering	4
Total	1012
Graduate Students	409
Other Evening Students	5
Grand Total	1426

This issue of the General Catalogue lists all students enrolled at any time during the academic year prior to publication. A tentative list of the incoming Freshman Class has been included on the following pages.

Freshman Class 1962-1963

CLASS OF 1966*

- Peter Stephan Albert, *Brooklyn, N. Y.*
 Bruce Roy Alexander, *Hartford*
 John Frederick Alves, Jr., *Bridgeport, Conn.*
 Thomas William Anderson, *Watertown, Conn.*
 George Edward Andrews, *East Grand Rapids, Mich.*
 Phillip Nicholas Armentano, *Stafford Springs, Conn.*
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